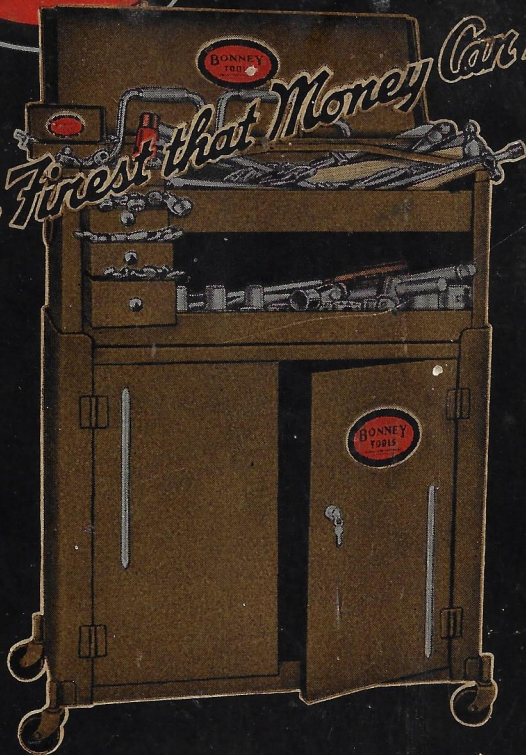




"The Finest that Money Can Buy"



CATALOG No. 139

A. C. PERREAULT
208 River St.
Troy, New York





BONNEY
TOOLS

Are The
finest
that Money Can Buy

Catalog No. 139

Bonney Forge & Tool Works
Allentown, Pa., U.S.A.

STOCKED BY LEADING
JOBBERs EVERYWHERE



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The Finest that Money Can Buy



BONNEY TOOLS

THE FINEST THAT MONEY CAN BUY

SIXTY-THREE years of fine tool manufacture have resulted in the line of Bonney Tools shown in this catalog. Here you will find what we believe to be the most complete line of hand tools ever offered for automotive service work.

In July 1923, Bonney startled the tool world by announcing a new kind of wrench "guaranteed to strip the thread or break the bolt without damage to the wrench." It was the Bonney 'CV' Chrome-Vanadium Engineers' Wrench . . . the original alloy steel wrench. And today, after 16 years of service, many of these original wrenches are still in daily use . . . proof that that broad guarantee was justified and the statement that Bonney Tools are "the finest that money can buy".

ZENEL Steel, the hardest tough wrench steel known, was later developed by Bonney engineers and is used only in Bonney Tools. Any wrench made of ZENEL is sold with an unconditional guarantee of satisfaction.

SPECIAL WRENCHES AND TOOLS

For special operations on Ford, Chevrolet and other makes of cars, a line of special wrenches and tools has been developed to speed up work and cut costs. Only the most popular numbers are shown. If, however, you need a tool for some special operation and do not find it listed in our catalog . . . your jobber will be glad to tell us about it. The chances are we have it in stock.

SERVICE

Bonney Tools have, by reason of their quality, become recognized as THE line of hand tools and no matter where you may be located, a reputable jobber is nearby to fill your needs from stock for these quality tools.

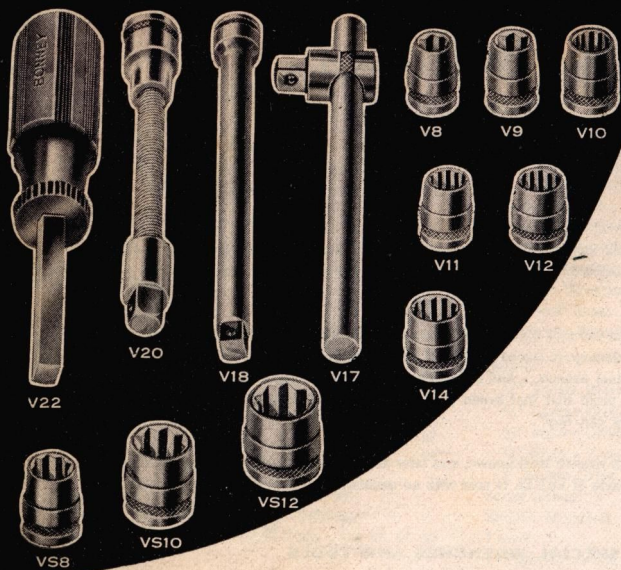
PRICES

All prices shown in this catalog are LIST PRICES. Dealers and Mechanics are, of course, entitled to a SUBSTANTIAL DISCOUNT on all items except Torque-Indicating Wrenches. Due to market conditions, prices are subject to change without notice.

TIME PAYMENT PLAN

It is no longer necessary to pay cash for tools. We have made arrangements with the Commercial Credit Company so that now, when bought in complete sets, Bonney Tools may be purchased for a small down payment and the balance paid monthly out of income. Your jobber's salesman will be glad to give you full details.

The Finest that Money Can Buy



EXTRA-SMALL SOCKET SERIES

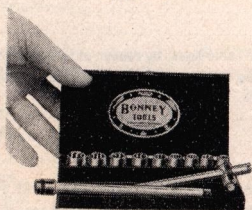
$\frac{1}{4}$ " Square Drive

EXTRA-SMALL SERIES SOCKETS

No.	Opening	List Price
V8	$\frac{1}{4}$ " Hexagon	\$0.60
V9	$\frac{9}{32}$ " "	.60
V10	$\frac{5}{16}$ " Double Hexagon	.60
V11	$\frac{11}{32}$ " " "	.60
V12	$\frac{3}{8}$ " " "	.60
V14	$\frac{7}{16}$ " " "	.60
VS8	$\frac{1}{4}$ " Double Square	.60
VS10	$\frac{5}{16}$ " " "	.60
VS12	$\frac{3}{8}$ " " "	.60

EXTRA-SMALL SOCKET SET NO. VS

11 Pieces



EXTRA-SMALL SERIES HANDLES AND ATTACHMENTS

No.	Description	List Price
V17	Sliding "T" Handle, $4\frac{1}{2}$ " long	\$1.30
V18	Extension, 6" long	1.00
V20	Extension, Flexible, 4" long	1.75
V22	Screw Driver Handle, Non-Conductor Type, 6" overall	1.25

The No. VS Set finds wide use for making adjustments on magnetos, generators, starters, radios, wiring connections, etc. It consists of two hexagon sockets with $\frac{1}{4}$ " and $\frac{9}{32}$ " openings; four hexagon sockets with $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ " and $\frac{7}{16}$ " openings; three double square sockets with $\frac{1}{4}$ ", $\frac{5}{16}$ " and $\frac{3}{8}$ " openings; one $4\frac{1}{2}$ " Sliding "T" and one 6" Extension. All are for $\frac{1}{4}$ " square drive and packed in an attractively finished pocket size box measuring $6\frac{1}{4}$ " x 3" x 1". Net weight 1 lb. 2 oz.

LIST PRICE.....\$8.50

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



EXTRA-SMALL SOCKET AND WRENCH SET No. VS2

19 Pieces

The No. VS2 Set is the most popular of all extra-small socket sets. In addition to the small sockets and attachments it contains an assortment of miniature wrenches and screw driver. For electrical work and on jobs where small tools are required, it finds wide use. It is very popular for fine adjustments in aviation work.

Contains one 6" Extension, one $4\frac{1}{2}$ " Sliding "T", one each $\frac{1}{4}$ " and $\frac{3}{32}$ " Sockets with hexagon openings; $\frac{5}{16}$ " $\frac{11}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " Sockets with double hexagon openings; $\frac{1}{4}$ ", $\frac{5}{16}$ " and $\frac{3}{8}$ " Sockets with double square openings.

It also contains five miniature open-end wrenches made of ZENEL Steel. These wrenches have the following openings: $\frac{3}{16}$ " and $\frac{1}{32}$ ", $\frac{1}{4}$ " and $\frac{9}{32}$ ", $\frac{5}{16}$ " and $\frac{11}{32}$ ", $\frac{3}{8}$ " and $\frac{1}{2}$ ", $\frac{13}{32}$ " and $\frac{15}{32}$ ". One pocket size screw driver with non-conducting composition handle and clip is also included.

Packed complete in metal box measuring $6\frac{1}{4}$ " x 3" x 1". Net weight 1 lb. 10 oz.

LIST PRICE.....\$15.60



EXTRA SMALL SOCKET and TOOL SET No. VS5 43 Pieces

Here is the most compact . . . most complete set of small and miniature tools ever assembled by any manufacturer. It contains complete assortments of sockets and attachments, box wrenches, open-end wrenches, punches and chisels, screw drivers, hammers and miscellaneous tools for work on ignition systems, small electrical apparatus, typewriters, radios and for light assembly work where parts are small and space in which to work is limited.

The following $\frac{1}{4}$ " square drive sockets and attachments are included: 6" extension, $4\frac{1}{2}$ " sliding "T", $\frac{1}{4}$ " and $\frac{9}{32}$ " hexagon sockets, $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " double hexagon sockets, $\frac{1}{4}$ " and $\frac{5}{16}$ " double square sockets.

Four miniature box wrenches having $\frac{3}{16}$ " and $\frac{13}{32}$ ", $\frac{1}{8}$ " and $\frac{15}{32}$ " single hexagon openings, $\frac{1}{4}$ " and $\frac{9}{32}$ ", $\frac{5}{16}$ " and $\frac{11}{32}$ " double hexagon openings, are included. Miniature open-end wrenches made of ZENEL Steel having the following openings will find wide use: $\frac{13}{64}$ " at 15° end, $\frac{15}{64}$ " at 60° end; $\frac{15}{64}$ " at 15° end, $\frac{13}{64}$ " at 60° end; $\frac{1}{32}$ " at 15° end, $\frac{1}{4}$ " at 60° end; $\frac{1}{4}$ " at 15° end, $\frac{1}{32}$ " at 60° end; $\frac{3}{32}$ " at 15° end, $\frac{5}{16}$ " at 60° end; $\frac{5}{16}$ " at 15° end, $\frac{3}{32}$ " at 60° end; $\frac{11}{32}$ " at 15° end, $\frac{3}{8}$ " at 60° end; $\frac{3}{8}$ " at 15° end, $\frac{11}{32}$ " at 60° end; $\frac{1}{2}$ " at 15° end, $\frac{1}{2}$ " at 60° end; $\frac{3}{16}$ " and $\frac{1}{4}$ ", $\frac{5}{16}$ " and $\frac{11}{32}$ ", $\frac{3}{8}$ " and $\frac{1}{2}$ ", $\frac{13}{32}$ " and $\frac{15}{32}$ " miniature wrenches with openings at 15° angle.

The following tools are also included—a 5" cold chisel, one each $\frac{1}{16}$ ", $\frac{5}{64}$ " and $\frac{3}{32}$ " pin punches, 4" center punch, $\frac{1}{8}$ " x 2" pocket size screw driver, $\frac{1}{8}$ " x 2" neon tube screw driver, $\frac{3}{16}$ " x 6" electricians' screw driver, $\frac{5}{16}$ " x 3" offset screw driver, a 2 oz. ball pein hammer, $1\frac{1}{2}$ oz. soft face hammer, 3 notch slip joint ignition plier, 5" tweezer 6" holding tool, 5" point file.

The 43 pieces included in the No. VS5 Set are packed in a strong, sturdily made metal box with partitons for convenient arrangement of the tools. The box measures $11\frac{1}{8}$ " x $6\frac{1}{8}$ " x 1". Net weight 4 lbs.

LIST PRICE.....\$38.00

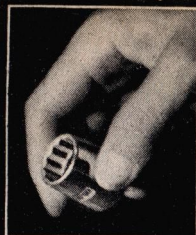
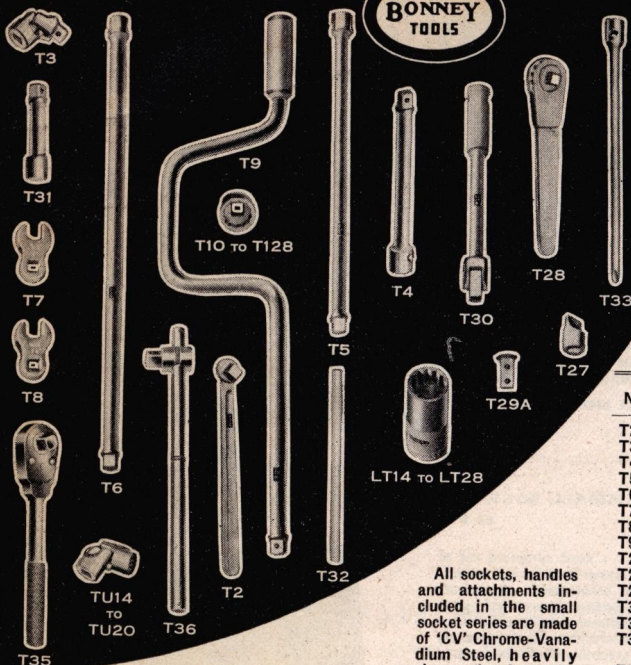


ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that

Money Can Buy

BONNEY
TOOLS



$\frac{3}{8}$ " Square Drive

SMALL SERIES HANDLES and ATTACHMENTS

No.	Description	List Price
T2	Offset Handle	\$1.95
T3	Universal Joint	3.10
T4	Extension, 6" long. . .	1.35
T5	Extension, 12" long. . .	1.40
T6	Extension, 17" long. . .	1.90
T7	$\frac{1}{2}$ " Crowfoot Attach. . .	1.40
T8	$\frac{9}{16}$ " Crowfoot Attach. . .	1.40
T9	Speeder $1\frac{1}{2}$ " long. . . .	2.60
T27	Drag Link Socket	1.00
T28	Rat. Hdle. with Lug . . .	3.75
T29A	Extra Lug for Ratch. . .	.65
T30	Hinge Handle	3.35
T31	Extension, 3" long. . . .	1.10
T32	Cross Handle for T4, T5, T6, T30, T33 . . .	.50
T33	Blade with No. 4 tip for No. 18 and larger Phillips Screws, $8\frac{3}{4}$ " long	1.90
T35	Reversible Ratchet	5.90
T36	8" Sliding Tee	1.70

All sockets, handles and attachments included in the small socket series are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated and with many of the pieces highly polished.

Sockets have thin walls, and the various handles and attachments permit making up combinations to reach into the most inaccessible places.

SMALL SERIES SOCKETS (DOUBLE HEXAGON OPENINGS)

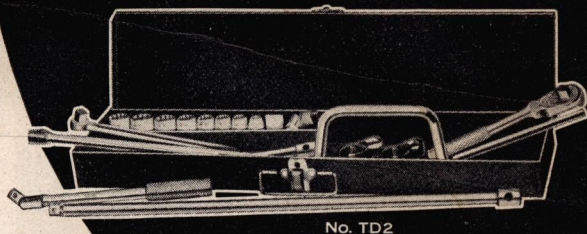
No.	Opening	List Price	No.	Opening	List Price	No.	Opening	List Price
T10	$\frac{5}{16}$ "	\$0.90	T24	$\frac{3}{4}$ "	\$1.05	LT16	$\frac{1}{2}$ " 2" long	1.00
T12	$\frac{3}{8}$ "	.90	T26	$\frac{13}{16}$ "	1.25	LT18	$\frac{9}{16}$ " 2" long	1.00
T14	$\frac{7}{16}$ "	.90	T128	$\frac{7}{8}$ "	1.25	LT20	$\frac{5}{8}$ " 2 $\frac{1}{2}$ " long	1.00
T16	$\frac{1}{2}$ "	.90	TU14	$\frac{7}{16}$ "	3.00	LT22	$\frac{11}{16}$ " 2 $\frac{3}{8}$ " long	1.15
T18	$\frac{9}{16}$ "	.90	TU16	$\frac{1}{2}$ "	3.00	LT24	$\frac{3}{4}$ " 2 $\frac{3}{8}$ " long	1.35
T19	$\frac{19}{32}$ "	.90	TU18	$\frac{9}{16}$ "	3.30	LT26	$\frac{15}{16}$ " 2 $\frac{3}{8}$ " long	1.35
T20	$\frac{5}{8}$ "	.90	TU20	$\frac{5}{8}$ "	3.30	LT28	$\frac{7}{8}$ " 2 $\frac{1}{2}$ " long	1.35
T22	$\frac{11}{16}$ "	1.05	LT14	$\frac{7}{16}$ " 2" long	1.00			

SMALL SERIES SOCKETS (DOUBLE SQUARE OPENINGS)

No.	Opening	List Price	No.	Opening	List Price
TS14	$\frac{7}{16}$ " 1 $\frac{1}{2}$ " long	\$1.10	TS18	$\frac{9}{16}$ " 1 $\frac{1}{2}$ " long	\$1.20
TS16	$\frac{1}{2}$ " 1 $\frac{1}{2}$ " long	1.10	TS20	$\frac{5}{8}$ " 1 $\frac{1}{2}$ " long	1.20

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The Finest that Money Can Buy



No. TD2



No. TD



No. TD1

SMALL SERIES SOCKET SETS

No. TD2 SET 20 Pieces

The No. TD2 Set is the most complete and most popular of the three Small Series Socket Sets shown on this page. All pieces are made of 'CV' Chrome-Vanadium Steel, chrome plated, and the set includes the most popular handles and attachments including a reversible ratchet wrench.

Double-hexagon sockets with the following openings are included: $\frac{5}{16}$ " $\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " $\frac{9}{16}$ " $\frac{5}{8}$ " $\frac{11}{16}$ " $\frac{3}{4}$ ".

Attachments included are Offset Handle, Universal Joint, 6" Extension, 12" Extension, 17" Extension, $\frac{1}{2}$ " Crowfoot Attachment, $\frac{9}{16}$ " Crowfoot Attachment, Speeder, Drag Link Socket, Hinge Handle, Cross Handle and Reversible Ratchet.

All pieces are packed in a strong, attractively finished metal box measuring 18" x $4\frac{1}{4}$ " x $1\frac{1}{2}$ ". Net weight 7 $\frac{1}{2}$ lb.

LIST PRICE.....\$36.50

No. TD SET 10 Pieces

The TD Set will be found useful for all ordinary purposes where quality is wanted with a minimum investment. All pieces are $\frac{3}{8}$ " square drive, made of 'CV' Chrome-Vanadium Steel, chrome-plated. Included are five Double Hexagon Sockets with the following openings: $\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " $\frac{9}{16}$ " and $\frac{5}{8}$ ".

Attachments and handles include Offset Handle, Universal Joint, 6" Extension, 12" Extension and Cross Handle.

All pieces are packed in an attractively finished metal box measuring 12 $\frac{3}{8}$ " x $2\frac{1}{4}$ " x $\frac{1}{8}$ ". Net weight 2 $\frac{3}{8}$ lbs.

LIST PRICE.....\$14.10

No. TD1 SET 11 Pieces

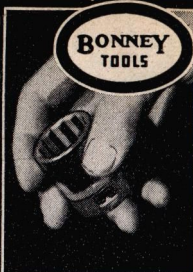
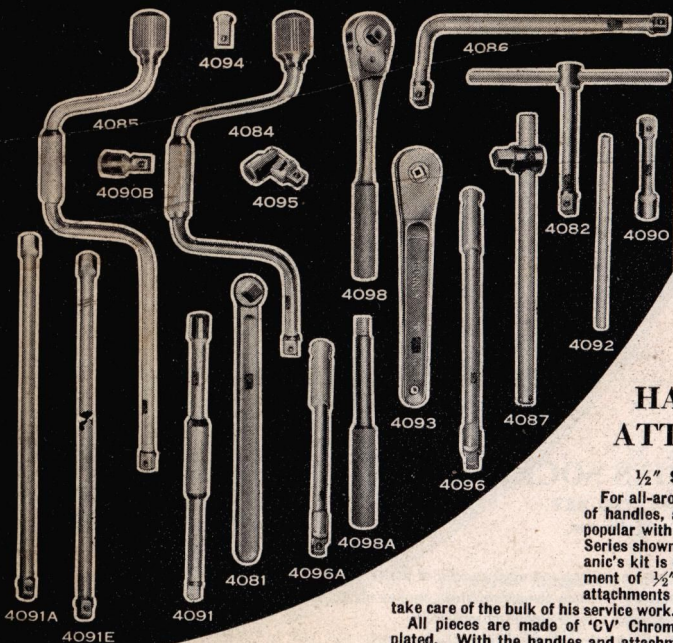
All pieces included in the TD1 $\frac{3}{8}$ " square drive set are made of 'CV' Chrome-Vanadium Steel, chrome plated. The assortment of pieces included is the same as the No. TD Set with the addition of the reversible ratchet handle.

Sockets include $\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " $\frac{9}{16}$ " $\frac{5}{8}$ " with double-hexagon openings. Handles and attachments included are Offset Handle, Universal Joint, 6" Extension, 12" Extension, Cross Handle and Reversible Ratchet. The metal box measures 12 $\frac{1}{2}$ " x 2 $\frac{5}{8}$ " x $\frac{1}{4}$ ". Net weight 2 $\frac{3}{4}$ lbs.

LIST PRICE.....\$20.00

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The Finest that Money Can Buy



STANDARD SERIES HANDLES and ATTACHMENTS

1/2" SQUARE DRIVE

For all-around work there is no series of handles, attachments and sockets as popular with mechanics as the Standard Series shown on these pages. No mechanic's kit is complete without an assortment of 1/2" square drive handles and attachments which will permit him to

take care of the bulk of his service work.

All pieces are made of "CV" Chrome-Vanadium Steel, chrome plated. With the handles and attachments shown, practically any combination can be made up to reach into the most inaccessible places.

STANDARD SERIES HANDLES and ATTACHMENTS

No.	Description	List Price
4081	Offset Handle, 11" long	\$2.70
4082	"T" Handle, 6" long	2.30
4084	Brace, 14" long	3.40
4085	Speeder, 19 3/4" long	3.60
4086	Offset Handle, 10" long	1.50
4087	Sliding "T" Handle, 11" long	2.50
4087A	Sliding "T" Handle, 15" long	2.70
4090	Extension, 5" long	1.60
4090B	Extension, 2" long	1.60
4091	Extension, 10" long	2.75
4091A	Extension, 20" long	2.60
4091E	Extension, 26" long	3.50
4092	Cross Handle for 4090, 4091, 4091A, 4091E, 4096, 4096A, 8" long	.70
4093	Ratchet, with lug, 9 5/8" long	5.90
4094	Extra lug for ratchet	.90
4095	Universal Joint	3.40
4096	Hinge Handle, 15" long	4.50
4096A	Hinge Handle, 11" long	4.30
4098	Reversible Ratchet, 10" long	7.00
4098A	Extension for 4098, 5" long	2.00

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STANDARD SERIES SOCKETS

1/2" SQUARE DRIVE

Bonney Standard Series Sockets are made in four types to meet practically every requirement for sockets of this kind.

All sockets are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated and polished to a high, permanent lustre.

STANDARD SERIES SOCKETS



Double Square

Double-Square			Hexagon		
No.	Opening	List Price	No.	Opening	List Price
4112	3/8"	\$0.90	4012	3/8"	\$0.90
4114	7/16"	.90	4014	7/16"	.90
4116	1/2"	.90	4016	1/2"	.90
4118	9/16"	.90	4018	9/16"	.90
4120	5/8"	.90	4019	19/32"	.90
4122	11/16"	.90	4020	5/8"	.90
4124	3/4"	1.15	4021	21/32"	.90
4128	7/8"	1.15	4022	11/16"	1.10
4132	1"	1.50	4024	3/4"	1.15
			4025	25/32"	1.15
			4026	13/16"	1.15
			4028	7/8"	1.15
			4030	15/16"	1.40
			4031	31/32"	1.40
			4032	1"	1.40



Hexagon

Double-Hexagon			Straight Wall Double-Hexagon		
No.	Opening	List Price	No.	Opening	List Price
D12	3/8"	\$0.90	A14	7/16"	\$0.90
D14	7/16"	.90	A16	1/2"	.90
D16	1/2"	.90	A18	9/16"	.90
D17	17/32"	.90	A19	19/32"	.90
D18	9/16"	.90	A20	11/8"	.90
D19	19/32"	.90	A22	11/16"	1.10
D20	5/8"	.90	A24	3/4"	1.15
D21	21/32"	.90	A25	25/32"	1.15
D22	11/16"	1.10	A26	13/16"	1.15
D24	3/4"	1.15	A28	7/8"	1.15
D25	25/32"	1.15	A30	15/16"	1.40
D26	13/16"	1.15	A31	31/32"	1.40
D28	7/8"	1.15	A32	1"	1.40
D30	15/16"	1.40			
D31	31/32"	1.40			
D32	1"	1.40			
D34	1 1/16"	1.55			
D36	1 1/8"	1.70			
D38	1 3/8"	1.85			
D40	1 1/4"	1.85			



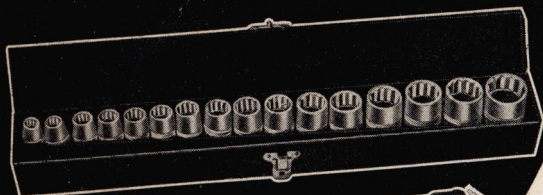
Double Hexagon



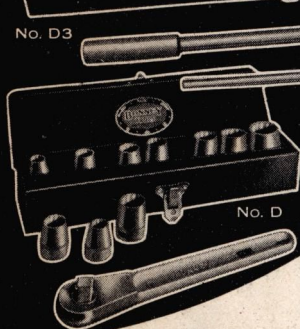
Straight Wall Double Hexagon

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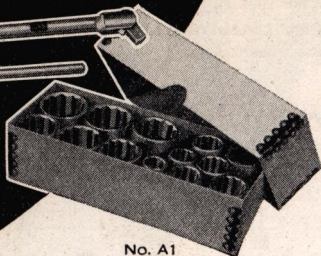
The Finest that Money Can Buy



No. D3



No. D



No. A1

STANDARD SERIES SOCKET SETS

No. D3 SET 18 Pieces

Of all of the various sets of sockets and handles available in $\frac{1}{2}$ " square drive, the No. D3 Set is the most popular with mechanics everywhere. It is the most complete, compact socket set ever offered for all-around work. Made of 'CV' Chrome-Vanadium Steel, chrome plated and polished, each piece will stand the most severe use.

It contains double hexagon sockets with the following openings: $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", 1", $1\frac{1}{16}$ ", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ". It also includes a 15" Hinge Handle and Cross Handle.

All pieces are packed in a strong, attractive metal box which measures $20\frac{1}{4}$ " x $2\frac{1}{2}$ " x $1\frac{7}{8}$ ". Net weight $8\frac{1}{2}$ lbs.

LIST PRICE.....\$26.70

No. D SET 11 Pieces

The No. D Set includes ten $\frac{1}{2}$ " square drive sockets with the most popular openings and the 4093 Ratchet with lug. The tapered double hexagon sockets have the following openings: $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{7}{8}$ " and 1". All are packed in a strong, attractively finished metal box measuring $11\frac{3}{8}$ " x 3" x $1\frac{1}{4}$ ". Net weight $5\frac{1}{2}$ lbs.

LIST PRICE.....\$18.25

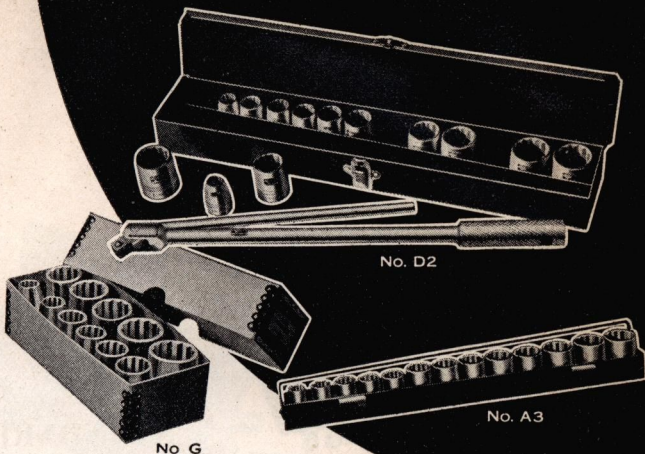
No. A1 SET 13 Pieces

An excellent assortment of thin, straight-wall double-hexagon sockets for the mechanic who wants to replace or add to his present socket equipment. The sockets included have the following openings: $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", $\frac{21}{32}$ " and 1". All are for $\frac{1}{2}$ " square drive handles and attachments. This assortment is packed complete in a cardboard box. Net weight $2\frac{1}{4}$ lbs.

LIST PRICE.....\$14.40

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



STANDARD SERIES SOCKET SETS

No. D2 SET 15 Pieces

For the mechanic who requires tapered sockets with double hexagon openings, the No. D2 will be found extremely useful. It contains all of the most popular openings for $\frac{1}{2}$ " square drive, as follows: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{32}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ", 1 ", and in addition includes a No. 4096 15 " Hinge Handle and 4092 Cross Handle. All pieces included in this set are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated to withstand the most severe use.

The heavy gauge metal box in which the set is packed measures $15\frac{7}{8}$ " x $2\frac{3}{8}$ " x $1\frac{3}{4}$ ". Net weight $6\frac{1}{4}$ lb.

LIST PRICE.....\$21.40

The set is also available at a List Price of \$19.10 in Cardboard Box, and weighs complete, $5\frac{1}{8}$ lbs.

No. G SET 11 Pieces

For the mechanic who wants to replace or build up his present assortment of tapered, double-hexagon sockets, the No. G Set includes an excellent assortment. All sockets are for use with $\frac{1}{2}$ " square drive handles and attachments, are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated and polished, and include the following openings: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{32}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ " and 1 ". This set is packed complete in a cardboard box. Net weight $2\frac{1}{2}$ lbs.

LIST PRICE.....\$11.60

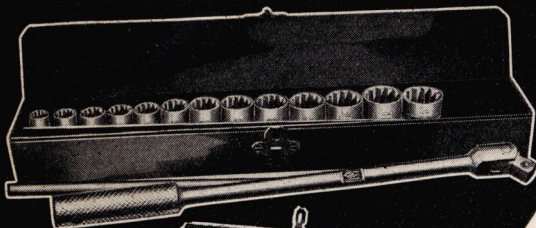
No. A3 SET 13 Pieces

An excellent assortment of straight wall double hexagon sockets for $\frac{1}{2}$ " square drive, packed in a handy, heavy gauge, metal tray with hangers for hanging on the side of your present tool kit. A moveable metal strip fits over the top of the sockets to hold them in place when not in use. All pieces are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated and polished. Socket openings include: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{32}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ", 1 ". The metal tray measures $13\frac{7}{8}$ " x $1\frac{1}{2}$ " x 1 ". Net weight 3 lbs.

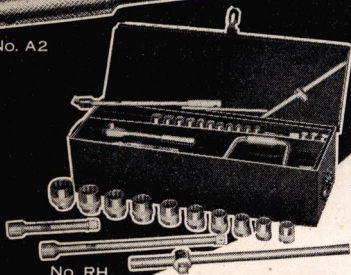
LIST PRICE.....\$15.75

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



No. A2



No. RH

STANDARD SERIES SOCKET SETS

No. A2 SET 15 Pieces

This convenient set of $\frac{1}{2}$ " square drive, thin, straight wall sockets with double hexagon openings is ideal for the mechanic who often works in confined places. All sockets are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated and polished. The different size openings in the sockets will permit you to take care of practically all work where $\frac{1}{2}$ " square drive sockets are required. Openings included are $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", $\frac{31}{32}$ ", 1".

In addition, a No. 4096—15" Hinge Handle and the No. 4092 Cross Handle are included. The No. A2 Set is packed complete in a metal box measuring $15\frac{7}{8}$ " x $2\frac{1}{4}$ " x $1\frac{5}{8}$ ". Net weight $6\frac{1}{4}$ lb.

LIST PRICE.....\$21.90

The No. A2 Set can also be obtained in cardboard box at a List Price of \$19.60, and in cardboard box weighs $4\frac{1}{2}$ lbs.

No. RH SET 36 Pieces

A very complete set of $\frac{1}{2}$ " and $\frac{3}{4}$ " square drive sockets with handles and attachments, for use on passenger cars, trucks, buses, tractors, industrial and farm machinery. All pieces are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated to withstand severe use.

Eleven $\frac{1}{2}$ " square drive sockets having the following double hexagon openings are included: $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ " and $\frac{7}{8}$ ". Half-inch square drive sockets with the following double square openings are also included: $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", as well as a No. 4001 Drag Link Socket for $\frac{1}{2}$ " square drive shown on page 20.

Half-inch square drive handles and attachments included are No. 4084—14" Brace; No. 4087—11" Sliding "T"; No. 4090—5" Extension; No. 4091—10" Extension; No. 4092 Cross Handle; No. 4095 Universal Joint; No. 4096—15" Hinge Handle and a No. 4098 Reversible Ratchet Wrench.

Three-quarter inch square drive sockets having the following double-hexagon openings are also contained in this set: $\frac{15}{16}$ ", $\frac{31}{32}$ ", 1", $1\frac{1}{16}$ ", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{7}{16}$ ", $1\frac{1}{2}$ ", $1\frac{5}{8}$ ". Three-quarter inch square drive handles and attachments include No. 4290—8 $\frac{1}{2}$ " Extension; No. 4291—17" Extension; No. 4287—20" Sliding "T".

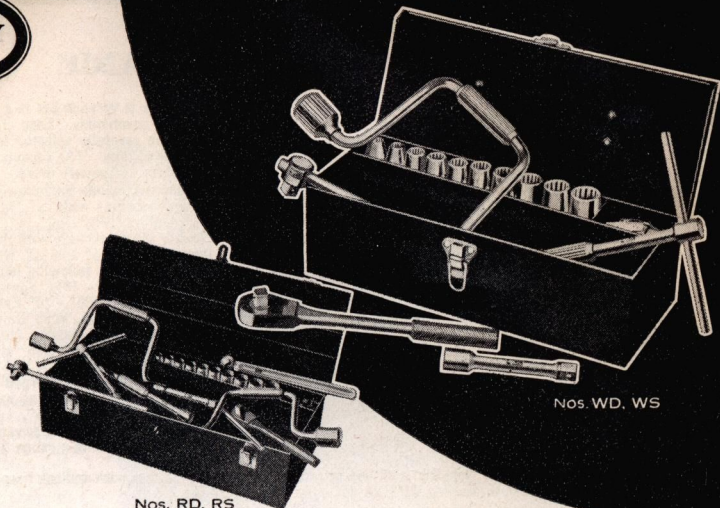
All 36 pieces are packed in a large, substantially made, partitioned metal box with ample room for adding additional tools from time to time. The box has padlock hasp, end carrying handles and measures 25" x $8\frac{1}{2}$ " x $6\frac{1}{4}$ ". Net weight 48 lbs.

LIST PRICE.....\$83.50

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



The Finest that Money Can Buy



STANDARD SERIES SOCKET SETS

Nos. WD and WS SETS

17 Pieces

These sets were assembled expressly for mechanics who want to add to their present tool equipment or who wish to start a quality tool kit and add additional items from time to time. The assortment of tools included will be found practical and useful. The two sets are identical except for the types of sockets included, and all list at the same price.

All pieces included are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated, and will stand the most severe use. The ten sockets included have the following openings: $\frac{1}{16}$ " $\frac{1}{8}$ " $\frac{1}{4}$ " $\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ " $1\frac{1}{8}$ " $1\frac{1}{4}$ ". In addition, the following handles and attachments are included: No. 4084—14" Brace; No. 4087—11" Sliding "T" Handle; No. 4090—5" Extension; No. 4091—10" Extension; No. 4092 Cross Handle; No. 4095 Universal Joint; No. 4098 Reversible Ratchet. All pieces are for $\frac{1}{2}$ " square drive and are packed in a roomy metal box with carrying handle, which measures $13\frac{3}{4}$ " x $5\frac{1}{2}$ " x $3\frac{3}{8}$ ". Net weight, each set, 13 lbs.

LIST PRICE

No. WD Set—with Double-Hexagon Sockets.....	\$35.75
No. WS Set—with Straight-Wall Double-Hexagon Sockets.....	35.75

Nos. RD and RS SETS

20 Pieces

These two sets are identical with the Nos. WD and WS Sets described above except that they include a larger assortment of $\frac{1}{2}$ " square drive handles and attachments.

The sockets included have the following openings: $\frac{1}{16}$ " $\frac{1}{8}$ " $\frac{1}{4}$ " $\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ " $1\frac{1}{8}$ " $1\frac{1}{4}$ ". Handles and attachments include No. 4081—Offset Handle; No. 4084—14" Brace; No. 4085—19 $\frac{3}{4}$ " Speeder; No. 4087—11" Sliding "T"; No. 4090—5" Extension; No. 4091—10" Extension; No. 4092 Cross Handle; No. 4095 Universal Joint; No. 4096 Hinge Handle; No. 4098 Reversible Ratchet. The metal box in which these sets are packed is partitioned, has end catches, padlock hasp and carrying handle and measures 20" x 8" x 5". Net weight 21 lbs.

LIST PRICE

No. RD Set with Double-Hexagon Sockets.....	\$47.85
No. RS Set with Straight-Wall Double-Hexagon Sockets.....	47.85

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

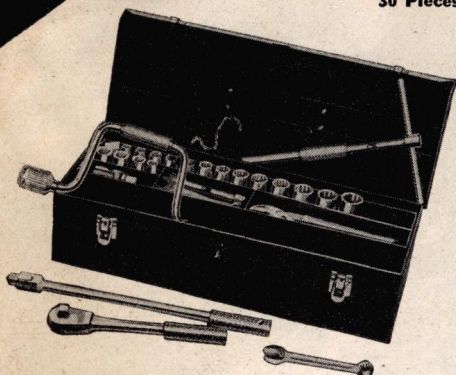
2
Popular
Sets

The Finest that Money Can Buy

No. B WRENCH SET FOR THE BUSY MECHANIC

30 Pieces

BONNEY
TOOLS



The No. B Wrench Set is a practical tool kit for busy mechanics. Each of the thirty pieces has been carefully selected to do the greatest number of jobs. The sockets and attachments are all for $\frac{1}{2}$ " square drive.

Contents include the following tapered double hexagon sockets with $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{8}$ ", $\frac{1}{2}$ " openings. Double square sockets with the following openings: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ " and $\frac{1}{2}$ ". No. 4001 Drag Link Socket; and the following handles and attachments: No. 4085 - $19\frac{1}{4}$ " Speeder, No. 4090 - 5" Extension; No. 4091 - 10" Extension; No. 4092 Cross Handle; No. 4095 Universal Joint; No. 4096 - 15" Hinge Handle; No. 4098 Reversible Ratchet. Included also are four TuType Wrenches combining box and open-end wrench in the same tool, drop-forged of ZENEL Steel. Both the box and open end have the same size openings, as follows: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ " and $\frac{1}{2}$ ". In addition a No. 2570 seven notch slip joint type Plier providing a range from 0 to 2 inches is included.

The No. B Wrench Set is packed in a strong, attractively finished metal box with padlock hasp, end catches and carrying handle, the box measuring $20\frac{1}{2}$ "x8"x5". Net weight 24 lbs.
LIST PRICE.....\$59.45

No. J SET—A DANDY FOR THE MECHANIC JUST STARTING—27 Pieces

This is an inexpensive set of the highest quality designed for a mechanic just starting out. The large, roomy box in which it is packed has ample room to add additional tools from time to time. Contents were selected to enable the handling of the greatest variety of repair jobs with a minimum number of tools. All sockets, handles and attachments are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated, and are for $\frac{1}{2}$ " square drive.

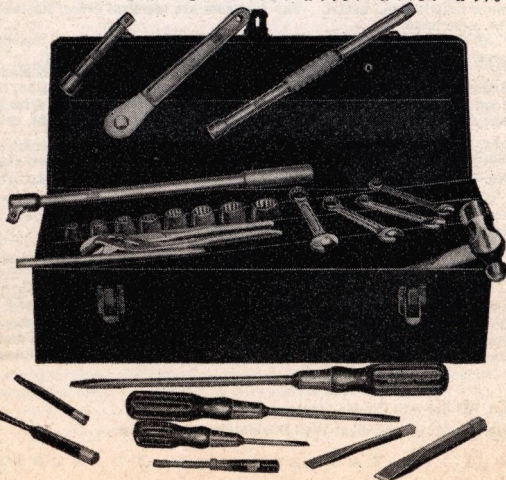
The tapered double hexagon sockets have the following openings: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{8}$ ", $\frac{1}{2}$ ".
Handles and attachments include No. 4090—5" Extension; No. 4091—10" Extension; No. 4093 Ratchet with lug; No. 4096—15" Hinge Handle; No. 4092 Cross Handle.

Four TuType Wrenches drop-forged from ZENEL Steel and heavily chrome plated with polished heads, combining a box and open-end wrench in the same tool, are also included. Openings are $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ " and $\frac{1}{2}$ "—the same size opening in each end. Also included are one 7-notch slip joint Adjustable Plier from 0 to 2 inches, $\frac{1}{8}$ " x $5\frac{1}{2}$ " Flat Chisel, $\frac{3}{4}$ " x $6\frac{1}{4}$ " Flat Chisel, $\frac{3}{8}$ " x 5" Center Punch, Pocket Size Neon Tube Screw Driver with clip; 3", 6" and 10" wood handle screw drivers and one 1 lb. ball pein hammer.

All pieces are packed in a heavy gauge, attractively finished metal box having removable tray, padlock hasp, end catches and carrying handle, and measuring $20\frac{1}{2}$ "x8"x5". Net weight 21 lbs.

LIST PRICE.....\$49.85

ALL PRICES SUBJECT TO
SUBSTANTIAL DISCOUNT



The Finest that Money Can Buy A Complete Tool Set

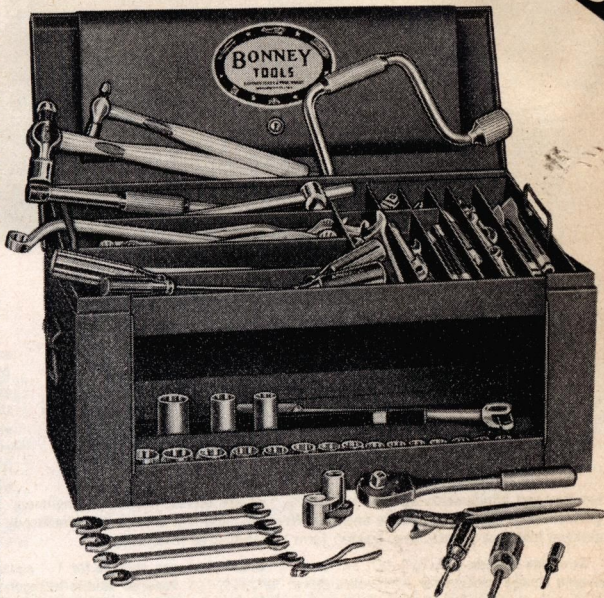


No. BB (Double B) SET

72 Pieces

A set any mechanic will be proud to own. You'll like the BB Set—real value has been put into it and the contents have been carefully selected to take care of an exceptionally wide variety of jobs. Included are $\frac{1}{2}$ " square drive Sockets and Attachments, all made of 'CV' Chrome-Vanadium Steel, Open-End and Box Wrenches, Chisels, Punches, Screw Drivers, Pliers, Hammers and other tools—72 pieces in all.

Its contents include the following sockets and attachments: Tapered Double-Hexagon Sockets with $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{8}$ ", $\frac{11}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{15}{16}$ ", $\frac{1}{2}$ " and 1" openings; Extra-Deep Double-Hexagon Sockets with $\frac{1}{16}$ ", $\frac{1}{8}$ " and 1" openings; Double Square Sockets with $\frac{1}{2}$ " and $\frac{1}{4}$ " openings; $\frac{1}{4}$ " to $\frac{3}{4}$ " Stud Wrench; $\frac{15}{16}$ " Drag Link Socket. The attachments are No. 4084 Brace 14" long; No. 4087 Sliding "T" Handle 11" long; No. 4090 Extension 5" long; No. 4091 Extension 10" long; No. 4092 Cross Handle; No. 4095 Universal Joint; No. 4096 Hinge Handle 15" long, No. 4098 Reversible Ratchet.



Four TuType Wrenches drop-forged of ZENEL Steel and heavily chrome plated with polished heads, combining a box and open-end wrench in the same tool and the same size opening in each end are also included. Openings are $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ " and $\frac{1}{2}$ ". Six ZENEL engineers' wrenches having the following openings, $\frac{3}{8}$ " & $\frac{1}{2}$ "; $\frac{1}{2}$ " & $\frac{13}{32}$ "; $\frac{3}{16}$ " & $\frac{11}{16}$ "; $\frac{5}{8}$ " & $\frac{23}{32}$ "; $\frac{3}{4}$ " & $\frac{1}{2}$ "; $\frac{15}{16}$ " & 1"; two each of two sizes of ZENEL Tappet Wrenches having openings of $\frac{1}{2}$ " and $\frac{3}{8}$ " and $\frac{5}{8}$ " and $\frac{11}{16}$ "; five ZENEL Box Wrenches with double hexagon openings $\frac{1}{2}$ ", $\frac{3}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ " and $\frac{3}{4}$ ", a Right Angle Wrench with $\frac{1}{2}$ " and $\frac{3}{8}$ " openings.

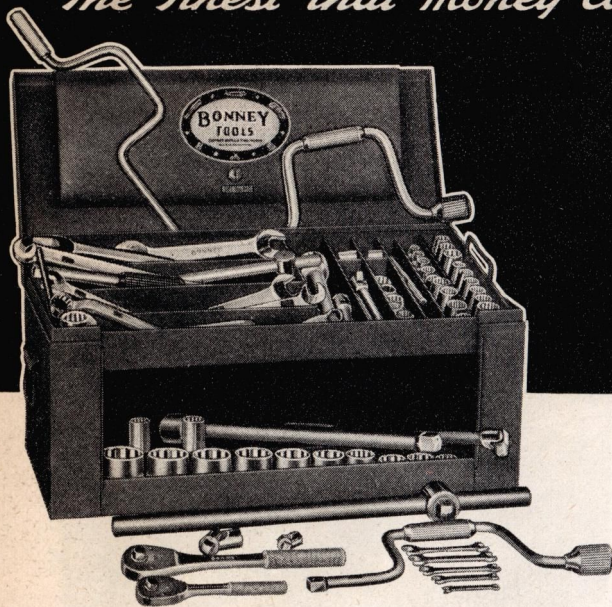
Three Flat Chisels; one Cape Chisel; Diamond Point Chisel; two Solid Punches; One Long Taper Punch, two Pin Punches; one Center Punch and one Pry or Pinch Bar are also included. A Pocket Size Screw Driver; Electricians' Screw Driver with Neon Tube; $\frac{1}{4}$ " Adjusting; 4" Square Shank; 6" Electricians' and one 6" and one 8" Round Shank Screw Drivers, $3\frac{1}{2}$ oz. and 1 lb. Ball Beir Hammers; one 7-notch Slip Joint Plier and an Ignition Plier complete the set.

The 72 pieces are packed in a big, strong, roomy metal chest large enough to serve as a box for your main tool kit. It has removable tray, padlock hasp, end carrying handles and measures $22\frac{3}{4}$ " x $10\frac{3}{4}$ " x 9". Net weight 56 lb.

LIST PRICE.....\$136.25

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



No. MC Set A Dandy Bench Set 74 Pieces

The "MC" Set is for all-around work in the garage. Mechanics everywhere consider it an all-purpose set that is hard to beat. Every piece is light in weight, strong and sturdy, and fully guaranteed. The contents include a wide assortment of sockets,

handles and attachments in both $\frac{1}{2}$ " and $\frac{3}{4}$ " square drives, Miniature Engineers' Wrenches, regular size Engineers' Wrenches, Right Angle and Box Wrenches and will take care of practically all jobs encountered on the average motor car, truck, bus, tractor, farm and industrial machinery.

Contents include $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ " and $\frac{5}{8}$ " double hexagon sockets for $\frac{3}{8}$ " square drive, and the following double square sockets for $\frac{1}{2}$ " square drive: $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ "; tapered double hexagon sockets with $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", $\frac{31}{32}$ " and 1" openings; $\frac{1}{16}$ " and $\frac{1}{4}$ " drag link sockets; $\frac{13}{16}$ " and $\frac{7}{8}$ " extra-deep sockets, and $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ " crowfoot attachments. Seven double hexagon sockets for $\frac{3}{4}$ " drive with $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{1}{8}$ ", $\frac{1}{8}$ ", $\frac{1}{16}$ ", $\frac{1}{16}$ " openings are also included.

The following $\frac{3}{8}$ " Square Drive Handles and Attachments include No. T2 Offset Handle; No. T3 Universal Joint; No. T4 - 6" Extension; No. T5 - 12" Extension; No. T9 Speeder; No. T30 Hinge Handle; No. T32 Cross Handle; No. T35 Reversible Ratchet.

Half-inch square drive handles and attachments include No. 4081 Offset Handle; No. 4084 - 14" Brace; No. 4085 - Speeder; No. 4087 Sliding "T"; No. 4090 - 5" Extension; No. 4091 - 10" Extension; No. 4092 Cross Handle; No. 4095 Universal Joint; No. 4096 Hinge Handle; No. 4098 Reversible Ratchet.

No. 4287 - 20" Sliding "T"; No. 4290 - $8\frac{1}{2}$ " Extension and No. 4291 - 17" Extension are for use with $\frac{3}{4}$ " Square Drive Heavy Duty Sockets.

Right-Angle Wrenches with $\frac{1}{2}$ " and $\frac{9}{16}$ " and $\frac{3}{16}$ " and $\frac{5}{8}$ " openings; Double-Hexagon Box Wrenches with $\frac{3}{8}$ " and $\frac{7}{16}$ ", $\frac{1}{2}$ " and $\frac{9}{16}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ " and $\frac{7}{8}$ " and $\frac{15}{16}$ " openings. Open-end Engineers' Wrenches with openings as follows: $\frac{1}{2}$ " & $\frac{9}{16}$ "; $\frac{3}{16}$ " & $\frac{5}{8}$ "; $\frac{5}{16}$ " & $\frac{3}{4}$ "; $\frac{3}{8}$ " & $\frac{7}{8}$ "; $\frac{15}{16}$ " & 1"; Miniature Engineers' Wrenches with the following openings: $\frac{3}{16}$ " & $\frac{9}{32}$ "; $\frac{1}{4}$ " & $\frac{9}{32}$ "; $\frac{5}{16}$ " & $\frac{11}{32}$ "; $\frac{3}{8}$ " & $\frac{7}{16}$ "; $\frac{13}{32}$ " & $\frac{15}{32}$ ".

The 74 pieces are packed in a strong metal case measuring $22\frac{3}{4}$ " x $10\frac{3}{4}$ " x 9" having removable tray, padlock hasp and end carrying handles. Net weight 62 lbs.

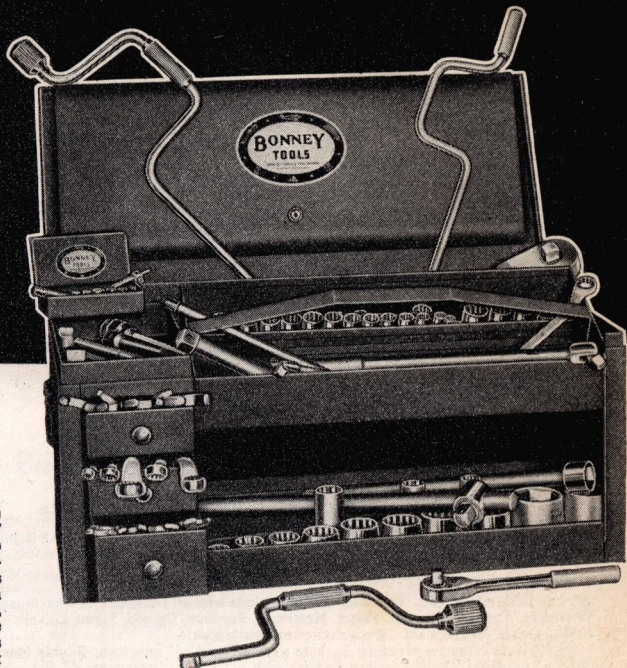
LIST PRICE.....\$152.00

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



The "AA" (Double A) Set 87 Pieces



The Bonney "AA" Set is an unusually complete set of 87 carefully selected pieces to handle almost any job encountered requiring sockets or wrenches. It contains a complete assortment of $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " and $\frac{3}{4}$ " square drive sockets and attachments, as well as Box Wrenches, Tappet Wrenches and Open-end Engineers' Wrenches.

Contents include hexagon sockets with $\frac{1}{4}$ " and $\frac{3}{32}$ " openings; Double Hexagon Sockets with $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ " openings; Double Square Sockets with $\frac{1}{4}$ " and $\frac{5}{16}$ " openings; a 6" Extension; $4\frac{1}{2}$ " Sliding "T"; 6" Spinner with insulated transparent handle—all for $\frac{1}{4}$ " square drive.

Double-hexagon Sockets with $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ " and $\frac{3}{4}$ " openings; Drag Link Socket; Universal Joint; 6" Extension; 12" Extension; Speeder; Hinge Handle and Cross Handle—all for $\frac{3}{8}$ " square drive.

For $\frac{1}{2}$ " square drive the following straight wall double hexagon Sockets: $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", $\frac{31}{32}$ ", 1"; $\frac{21}{32}$ " tapered Double Hexagon Socket; $\frac{13}{16}$ " Drag Link Socket; $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", Double Square Sockets; $\frac{13}{16}$ ", $\frac{7}{8}$ " and 1" Extra Deep Sockets; 14" Brace; 20" Speeder; 5" Extension; 10" Extension; Cross Handle; Universal Joint; 15" Hinge Handle and 10" Reversible Ratchet.

The following Double Hexagon Sockets for $\frac{3}{4}$ " square drive, are also included: $\frac{11}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{1}{8}$ ", $\frac{1}{16}$ ", $\frac{11}{2}$ ", $\frac{13}{16}$ ". Hexagon Sockets $\frac{3}{4}$ " and $1\frac{1}{16}$ "; 20" Sliding "T"; $8\frac{1}{2}$ " Extension; 17" Extension and 20" Reversible Ratchet all $\frac{3}{4}$ " square drive, are also included.

The set has the following wrenches included: $\frac{3}{8}$ " & $\frac{7}{16}$ "; $\frac{1}{2}$ " & $\frac{9}{16}$ " and $\frac{5}{8}$ " & $\frac{11}{16}$ " Short Type Box Wrenches; $\frac{5}{8}$ " & $\frac{11}{16}$ "; $\frac{3}{4}$ " & $\frac{25}{32}$ ", $\frac{13}{16}$ " and $\frac{1}{2}$ " Long Type Box Wrenches; two each Tappet Wrenches with openings $\frac{1}{4}$ " & $\frac{9}{16}$ "; $\frac{5}{8}$ " & $\frac{11}{16}$ "; $\frac{3}{4}$ " & $\frac{7}{16}$ "; and 'CV' Chrome-Vanadium Engineers' Wrenches with $\frac{3}{8}$ " & $\frac{7}{16}$ "; $\frac{1}{2}$ " & $\frac{19}{32}$ "; $\frac{9}{16}$ " & $\frac{11}{16}$ "; $\frac{5}{8}$ " & $\frac{25}{32}$ "; $\frac{3}{4}$ " & $\frac{7}{8}$ "; $\frac{15}{16}$ " & 1" openings.

The complete contents are packed in an unusually fine metal case having removable tray, sliding drawers, padlock hasp and end carrying handles. The box measures $26\frac{1}{2}$ " long, 12" high and $11\frac{1}{4}$ " wide. Net weight 105 lbs.

LIST PRICE.....\$192.50

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



No. AA1 (Double A1) SET

THE BIGGEST SET MADE

140 Pieces

LIST PRICE

\$293.75

Without a doubt, the Bonney "AA1" Set is the most complete set of assorted tools ever assembled in one kit. The 140 pieces include a tool of almost every description to do practice

ally any job encountered. Complete sets of Sockets with all Handles and Attachments; Box Wrenches, Open-end Wrenches, Tappet Wrenches, Pliers, Hammers, Punches, Chisels, Screw Drivers and Special Tools—all are included in this complete set. It's a master mechanic's kit.

Its contents comprise Hexagon Sockets with $\frac{1}{4}$ " and $\frac{3}{32}$ " openings; Double Hexagon Sockets with $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ " openings, Double Square Sockets with $\frac{1}{4}$ " and $\frac{5}{16}$ " openings; 6" Extension; 4 $\frac{1}{2}$ " Sliding "T" and 6" Spinner with insulated transparent handle—all $\frac{1}{4}$ " square drive.

Double hexagon sockets with $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ " and $\frac{3}{4}$ "; Flexible Sockets with double hexagon openings; $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ " and $\frac{5}{8}$ "; Drag Link Socket; Universal Joint; 3", 6" and 12" Extensions; Speeder; Hinge Handle; Cross Handle; Reversible Ratchet—all for $\frac{3}{8}$ " square drive.

Standard series tapered Double Hexagon Sockets with $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", $\frac{31}{32}$ " and 1" openings; $\frac{15}{16}$ " Drag Link Socket; $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ " Double Square Sockets; $\frac{13}{16}$ ", $\frac{7}{8}$ ", 1" and $\frac{11}{8}$ " Extra-deep Sockets; 14" Brace; 20" Speeder; 11" Sliding "T"; 2", 5" and 10" Extensions; Cross Handle, Universal Joint; 15" Hinge Handle and 10" Reversible Ratchet are included—all $\frac{1}{4}$ " square drive.

Heavy Duty $\frac{3}{4}$ " square drive sockets included are 1", $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{13}{32}$ ", $\frac{1}{2}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{15}{16}$ ", with double hexagon openings; $\frac{11}{16}$ " and 2" Hexagon Sockets; 20" Sliding "T"; 8 $\frac{1}{2}$ " and 17" Extensions; 20" Reversible Ratchet.

Four Extra-small ZENEL box wrenches with $\frac{3}{16}$ " & $\frac{13}{32}$ ", $\frac{7}{16}$ " & $\frac{15}{32}$ ", $\frac{1}{2}$ " & $\frac{9}{32}$ ", $\frac{5}{16}$ " & $\frac{11}{32}$ " openings.

Three "CV" Chrome-Vanadium short type Box Wrenches with $\frac{3}{8}$ " & $\frac{1}{2}$ ", $\frac{1}{2}$ " & $\frac{9}{16}$ ", $\frac{9}{16}$ " & $\frac{5}{8}$ " double hexagon openings. Four long type "CV" Chrome-Vanadium Box Wrenches with double hexagon openings $\frac{1}{2}$ " & $\frac{9}{16}$ ", $\frac{9}{16}$ " & $\frac{5}{8}$ ", $\frac{5}{8}$ " & $\frac{3}{4}$ " and $\frac{7}{8}$ " & $\frac{15}{16}$ " are also included.

Seven ZENEL Engineers' Wrenches having $\frac{3}{8}$ " & $\frac{1}{2}$ ", $\frac{1}{2}$ " & $\frac{13}{32}$ ", $\frac{1}{2}$ " & $\frac{9}{16}$ ", $\frac{9}{16}$ " & $\frac{11}{16}$ ", $\frac{5}{8}$ " & $\frac{25}{32}$ ", $\frac{3}{4}$ " & $\frac{7}{8}$ " and $\frac{15}{16}$ " & 1" openings. Five Miniature ZENEL Engineers' Wrenches with $\frac{3}{16}$ " & $\frac{1}{32}$ ", $\frac{1}{4}$ " & $\frac{9}{32}$ ", $\frac{5}{16}$ " & $\frac{11}{32}$ ", $\frac{3}{8}$ " & $\frac{1}{16}$ " and $\frac{13}{32}$ " & $\frac{15}{32}$ " openings.

Two each of three ZENEL Tappet Wrenches with the following openings; $\frac{1}{2}$ " & $\frac{9}{16}$ ", $\frac{5}{8}$ " & $\frac{11}{16}$ ", $\frac{3}{4}$ " & $\frac{7}{8}$ ".

Pliers included are 6" and 10" Combination; 5" Thin Nose; Diagonal Cutting Plier and 8" Lineman's Plier, also 3 $\frac{1}{2}$ oz., 1 lb. and 2 lb. Ball Pein Hammers; 1 lb. Soft Face Hammer; Three Flat Chisels, Solid Punch; Long Taper Punch; two Pin Punches; Center Punch; Rivet Buster and Pry or Pinch Bar. A Pocket Size Screw Driver; 6" and 10" Electricians; Neon Tube Screw Driver; Adjusting; 4" and 12" Square Shank and 6" and 8" Round Shank Screw Drivers. A 7-notch Slip Joint Adjustable Plier; Ignition Plier; Stud Wrench; Starter and Manifold Wrench and 8" Handy Holding Tool complete the set.

Every piece included is backed by the Bonney guarantee and all are packed in a massive metal box with removable tray, sliding drawers, padlock hasp and end carrying handles. The box measures 26 $\frac{1}{2}$ " long, 12" high and 11 $\frac{1}{4}$ " wide. Net weight of the set complete is 125 lbs.

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



No. LD SPARK PLUG SET

This set is decidedly popular with mechanics. It consists of four sockets Nos. LD26T, LD28T, LD32 and LD36 with openings shown in the table below. They may be used with any $\frac{1}{2}$ inch square drive handle or attachment. Net weight $1\frac{1}{2}$ lb.

LIST PRICE

In Cardboard Box\$7.30



No. LD Set



Extra Deep
Socket

'CV' Chrome-Vanadium EXTRA DEEP SOCKETS

$\frac{1}{2}$ " Square Drive

Bonney extra-deep Sockets find many applications in automotive work and are especially suitable for removing and replacing spark plugs. They are for $\frac{1}{2}$ " square drive, are $3\frac{1}{4}$ " long and have double hexagon openings. They are made of 'CV' Chrome-Vanadium Steel, chrome plated and polished.

No.	Openings	Length	Diameter	List Price	No.	Openings	Length	Diameter	List Price
LD16	$\frac{1}{2}$	$3\frac{1}{4}$	$\frac{3}{4}$	\$1.50	LD28	$\frac{7}{8}$	$3\frac{1}{4}$	$1\frac{1}{16}$	\$1.60
LD18	$\frac{9}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	1.50	LD28T	$\frac{7}{8}$	$3\frac{1}{4}$	$1\frac{1}{16}$	1.60
LD20	$\frac{5}{8}$	$3\frac{1}{4}$	$\frac{7}{8}$	1.60	LD30	$1\frac{1}{8}$	$3\frac{1}{4}$	$1\frac{1}{4}$	1.75
LD22	$1\frac{1}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	1.60	LD32	1	$3\frac{1}{4}$	$1\frac{3}{8}$	1.95
LD24	$\frac{3}{4}$	$3\frac{1}{4}$	$1\frac{1}{32}$	1.60	LD32T	1	$3\frac{1}{4}$	$1\frac{3}{8}$	1.95
LD25	$2\frac{5}{32}$	$3\frac{1}{4}$	$1\frac{1}{16}$	1.60	LD34	$1\frac{1}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	1.95
LD26T	$1\frac{1}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	1.60	LD36	$1\frac{1}{8}$	$3\frac{1}{4}$	$1\frac{1}{2}$	2.15

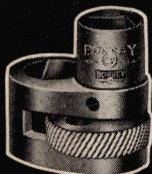
CHART OF SPARK PLUG SOCKETS FOR PASSENGER CARS

Make	1937	1938	1939	Make	1937	1938	1939
American Bantam...	LD32	LD32	LD26T	Hudson 6 & 8	LD26T	LD26T	LD26T
Buick.....	LD28T	LD26T	LD26T	Hupmobile.....	LD32	LD32	LD32
Cadillac, 8 cyl....	LD26T	LD26T	LD22	Lafayette.....	LD32	LD32	LD32
12 cyl....	LD32			LaSalle.....	LD26T	LD26T	LD22
16 cyl....	LD32	LD26T	LD22	Lincoln.....	LD32	LD32	LD32T
Chevrolet.....	LD26T	LD26T	LD26T	Lincoln Zephyr....	LD26T	LD26T	LD26T
Chrysler.....	LD26T	LD26T	LD26T	Nash 400.....	LD26T		
Cord.....	LD26T			Nash 6 & 8 cyl....	LD26T	LD26T	LD26T
De Soto.....	LD26T	LD26T	LD26T	Oldsmobile.....	LD26T	LD26T	LD26T
Dodge.....	LD26T	LD26T	LD26T	Overland.....			LD26T
Duesenberg.....	LD32			Packard.....	LD18	LD18	LD22
Ford 60.....	LD26T	LD26T	LD26T	Pierce-Arrow.....	LD26T	LD26T	
85.....	LD26T	LD26T	LD26T	Plymouth.....	LD26T	LD26T	LD26T
8 cyl....	LD28	LD28		Pontiac.....	LD26T	LD26T	LD26T
Graham Cavalier & Super Charger...	LD26T	LD26T	LD26T	Studebaker.....	LD32	LD32	LD32
Graham 6 & 8.....	LD32			Terraplane.....	LD26T	LD26T	
				Willys.....	LD32	LD32	LD32

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

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**BONNEY
TOOLS**



2591



4001 AND 4002



F18



Ratchet Handle
Adaptor



P10 to P24

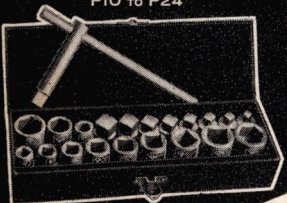


2866 to 2874



6603C to 6606B

Male and Female
Adaptor



No. K

'CV' SPECIAL SOCKETS

No. 2591 STUD WRENCH

Designed especially for removing or setting studs. Eccentrically mounted roller made with a deeply milled edge provides a non-slipping, non-burring, gripping device. Made of 'CV' Chrome-Vanadium Steel, chrome plated and equipped with a $\frac{1}{2}$ " square drive. It will take studs ranging from $\frac{1}{8}$ " to $\frac{3}{4}$ " in diameter.

LIST PRICE.....\$3.30

DRAG LINK SOCKETS

No. 4001 Drag Link Socket is suitable for passenger cars. Width of blade, $1\frac{1}{8}$ " with $\frac{1}{2}$ " square drive. Made of 'CV' Chrome-Vanadium Steel, chrome plated.

LIST PRICE.....\$1.15

No. 4002 Drag Link Socket is used for adjusting drag links on trucks. Width of blade $1\frac{1}{4}$ ". For use with $\frac{1}{2}$ " square drive handles and attachments. Made of 'CV' Chrome-Vanadium Steel, chrome plated.

LIST PRICE.....\$1.55

CONNECTING ROD SOCKET FOR FORD V8

No. F18—Special Socket for adjusting connecting rod bearing cap nuts on Ford V8. It has $\frac{3}{8}$ " hexagon opening and is for $\frac{1}{2}$ " square drive. The nose is very thin to make this adjustment easy. Made of 'CV' Chrome-Vanadium Steel, chrome plated and polished.

LIST PRICE.....\$1.30

ADAPTORS

Male and Female

This series of Bonney 'CV' Chrome-Vanadium adaptors is designed with square female openings. All have square male drive. They are chrome plated.

No.	Openings	List Price
4296	$\frac{1}{8}$ " Sq. female & $\frac{1}{8}$ " Sq. male.....	\$1.55
4297	$\frac{1}{4}$ " Sq. female & $\frac{1}{4}$ " Sq. male.....	1.55
4298	$\frac{3}{8}$ " Sq. female & $\frac{3}{8}$ " Sq. male.....	1.55
4299	$\frac{1}{2}$ " Sq. female & $\frac{1}{2}$ " Sq. male.....	1.55
4204	$\frac{3}{8}$ " Sq. female & $\frac{1}{2}$ " Sq. male.....	1.55
4206	$\frac{1}{2}$ " Sq. female & $\frac{3}{4}$ " Sq. male.....	1.55
4208	$\frac{3}{4}$ " Sq. female & $\frac{1}{2}$ " Sq. male.....	1.55
4209	$\frac{1}{2}$ " Sq. female & $\frac{1}{2}$ " Sq. male.....	1.55
4210	$\frac{1}{2}$ " Sq. female & $\frac{1}{2}$ " Sq. male.....	2.00
4211	$\frac{1}{2}$ " Sq. female & $\frac{1}{2}$ " Sq. male.....	2.00
4213	$\frac{1}{2}$ " Sq. female & $\frac{1}{2}$ " Sq. male.....	3.00
4215	$\frac{3}{8}$ " Sq. female & $\frac{1}{2}$ " Sq. male.....	1.55

RATCHET HANDLE ADAPTORS

This series of adaptors is designed for use with ratchet handles. Made of 'CV' Chrome-Vanadium Steel, chrome plated.

No.	Openings	List Price
4201	$\frac{1}{8}$ " Square & $\frac{1}{8}$ " Square.....	\$1.55
4202	$\frac{1}{4}$ " Square & $\frac{1}{4}$ " Square.....	1.70
4203	$\frac{3}{8}$ " Square & $\frac{3}{8}$ " Square.....	1.80
4205	$\frac{1}{2}$ " Square & $\frac{1}{2}$ " Square.....	1.70
4207	$\frac{3}{4}$ " Square & $\frac{1}{2}$ " Square.....	1.55
4212	$\frac{3}{8}$ " Square & $\frac{1}{2}$ " Square.....	2.00

CROWFOOT ATTACHMENTS

Bonney 'CV' Chrome-Vanadium Crowfoot Attachments are useful for making adjustments in hard-to-get-at places. Equipped with standard $\frac{1}{2}$ " square drive, all are chrome plated.

No.	Openings	List Price
2866	$\frac{1}{2}$ " Double-hexagon.....	\$1.10
2868	$\frac{3}{8}$ " Double-hexagon.....	1.20
2870	$\frac{1}{2}$ " Double-hexagon.....	1.35
2872	$\frac{11}{16}$ " Double-hexagon.....	1.50
2874	$\frac{3}{4}$ " Double-hexagon.....	1.60

OPEN-END CROWFOOT ATTACHMENTS

Bonney Open-end Crowfoot Attachments are made of 'CV' Chrome-Vanadium Steel, chrome plated and polished. They are designed for use with handles having $\frac{1}{2}$ " square drive.

No.	Openings	List Price
6603C	$\frac{1}{2}$ " Open-end.....	\$1.35
6603A	$\frac{3}{8}$ " Open-end.....	1.35
6603	$\frac{3}{8}$ " Open-end.....	1.35
6603B	$\frac{11}{16}$ " Open-end.....	1.35
6606	$\frac{3}{4}$ " Open-end.....	1.50
6606A	$\frac{11}{16}$ " Open-end.....	1.50
6606B	$\frac{3}{4}$ " Open-end.....	1.50

DRAIN PLUG SQUARES

Bonney Drain Plug Squares are designed for use on drain plugs with square female openings. They are made of 'CV' Chrome-Vanadium Steel, chrome plated and are for use with any handle or attachment having $\frac{1}{2}$ " square drive.

Number	Size	List Price
P10	$\frac{1}{8}$ "	\$0.80
P12	$\frac{1}{4}$ "	.80
P14	$\frac{3}{8}$ "	.80
P16	$\frac{1}{2}$ "	.90
P18	$\frac{3}{4}$ "	.90
P20	$\frac{1}{2}$ "	.90
P22	$\frac{11}{16}$ "	1.00
P24	$\frac{3}{4}$ "	1.00

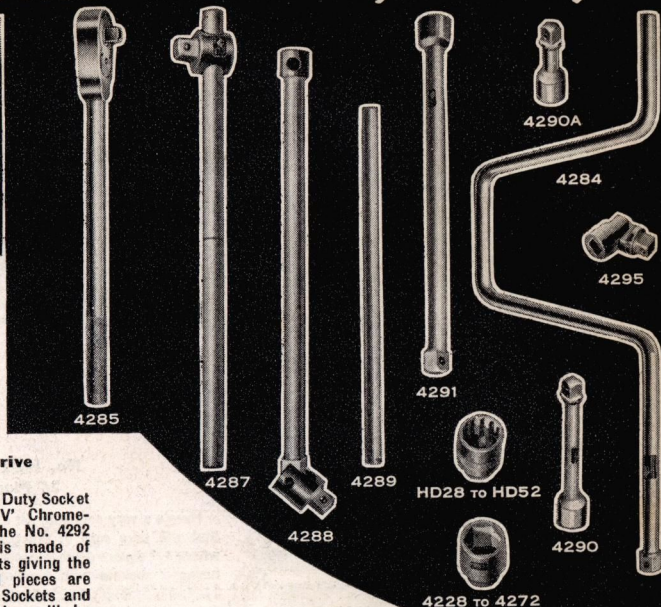
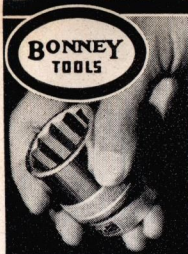
No. K DRAIN PLUG SET

The No. K Drain Plug Set consists of eight drain plug squares, twelve sockets, and a "T" handle with $\frac{1}{2}$ " square drive. This set will remove drain plugs on the crank case, transmission and differential housing of most cars. Net weight $7\frac{1}{2}$ lb.

LIST PRICE, in Metal Box.....\$15.30

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3/4" Square Drive

All pieces in the Heavy Duty Socket Series are made of 'CV' Chrome-Vanadium Steel except the No. 4292 Ratchet Handle. This is made of ZENEL Steel to insure its giving the utmost satisfaction. All pieces are heavily chrome plated. Sockets and attachments in this series will be found exceptionally useful for work on large buses, trucks, tractors and machinery of similar nature.

HEAVY-DUTY HANDLES and ATTACHMENTS

No.	Description	List Price	No.	Description	List Price
4284	Brace.....	\$7.00	4290	Extension, 8 1/2" long.....	\$3.50
4285	Reversible Ratchet handle, 20" long..	15.00	4290A	Extension, 4" long.....	2.90
4287	Sliding "T" Handle, 20" long.....	4.70	4291	Extension, 17" long.....	4.20
4288	Hinge Handle, 22" long.....	8.00	4295	Universal Joint.....	9.50
4289	Cross handle, 16 3/8" long for No. 4288	1.40			

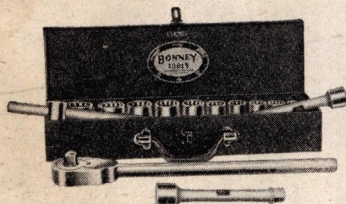
HEAVY-DUTY SOCKETS

HEXAGON			HEXAGON			DOUBLE HEXAGON		
No.	Opening	List Price	No.	Opening	List Price	No.	Opening	List Price
4228	7/8"	\$1.40	4258	1 13/16"	\$4.35	HD38	1 3/16"	\$1.80
4230	15/16"	1.60	4260	1 7/8"	4.35	HD40	1 1/4"	2.00
4231	31/32"	1.60	4264	2"	5.00	HD42	1 5/16"	2.00
4232	1"	1.60	4266	2 1/16"	5.70	HD44	1 3/8"	2.00
4234	1 1/16"	1.70	4268	2 1/8"	6.00	HD46	1 7/16"	2.40
4236	1 1/8"	1.80	4272	2 3/16"	6.35	HD48	1 1/2"	2.40
4238	1 5/16"	1.80		2 1/4"	7.00	HD50	1 9/16"	2.50
4240	1 1/4"	2.00				HD52	1 5/8"	2.70
4242	1 5/16"	2.00	DOUBLE HEXAGON			DOUBLE SQUARE		
4244	1 3/8"	2.00	HD28	7/8"	\$1.40	S4228	7/8"	\$2.90
4246	1 1/2"	2.40	HD30	15/16"	1.60	S4232	1"	3.00
4248	1 5/8"	2.40	HD31	31/32"	1.60	S4234	1 1/16"	3.10
4252	1 5/8"	2.70	HD32	1"	1.60	S4240	1 1/4"	3.80
4254	1 11/16"	4.00	HD34	1 1/16"	1.70	S4246	1 3/8"	5.30
4256	1 3/4"	4.00	HD36	1 1/8"	1.80			

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HEAVY DUTY SOCKET SETS

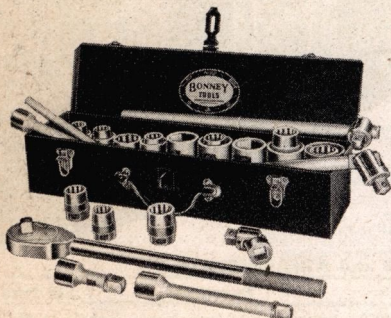


Nos. H and HD SETS 14 Pieces

The sockets, handles and attachments in these sets will be found exceptionally useful in making repairs to large buses, trucks, tractors and other heavy machinery. All sockets and handles are made of 'CV' Chrome-Vanadium Steel, heavily chrome plated and polished. Sockets have the following openings: $\frac{15}{16}$ ", $\frac{31}{32}$ ", 1", $1\frac{1}{16}$ ", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{7}{16}$ ", $1\frac{1}{2}$ " and $1\frac{5}{8}$ ". Handles include 20" Reversible Ratchet; 20" Sliding "T"; $8\frac{1}{2}$ " and 17" Extensions. All are packed in sturdy metal box measuring $20\frac{1}{2}$ " x $5\frac{3}{4}$ " x 3". Net weight 27 lbs.

LIST PRICE, No. H Set—with hexagon sockets.....\$51.75

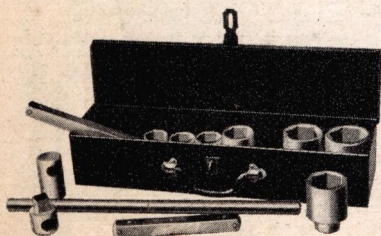
LIST PRICE, No. HD Set—with double hexagon sockets..... 51.75



No. HD1 SET 24 Pieces

Here's a very complete set of sockets and attachments that will take care of practically any job encountered where $\frac{3}{4}$ " square drive is necessary. Contains 13 double hexagon sockets with openings: $\frac{15}{16}$ ", $\frac{31}{32}$ ", 1", $1\frac{1}{16}$ ", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{7}{16}$ ", $1\frac{1}{2}$ ", $1\frac{5}{8}$ ", $1\frac{3}{4}$ ", $1\frac{7}{8}$ ", $2\frac{1}{8}$ "; 5 hexagon sockets with openings: $1\frac{11}{16}$ ", $1\frac{3}{4}$ ", $1\frac{13}{16}$ ", $1\frac{7}{8}$ ", 2"; 20" Reversible Ratchet Handle; 20" Sliding "T"; 22" Hinge Handle; 4", $8\frac{1}{2}$ " and 17" Extensions. All pieces are packed in a strong, attractively finished metal box measuring $22\frac{1}{2}$ " x $5\frac{1}{2}$ " x $4\frac{1}{2}$ ". Net weight 55 lbs.

LIST PRICE, in Metal Box.....\$92.75



No. XH EXTRA-HEAVY DUTY SOCKET SET

12 Pieces

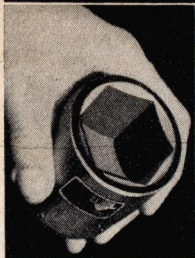
This set finds many applications in both automotive and industrial work. The twelve pieces contained in it have been carefully selected with the fact in mind that they must meet the most general need for an extra-heavy duty set of this type. Contents include seven hexagon sockets having the following openings: $1\frac{1}{16}$ ", $1\frac{1}{2}$ ", $1\frac{5}{8}$ ", $1\frac{3}{4}$ ", 2", $2\frac{3}{16}$ ", $2\frac{5}{8}$ ". Handles and attachments include 9" and 18" Extensions, 22" Sliding Bar and Male and Female Drive Heads. All pieces are packed in a strong, metal box, attractively finished, measuring $22\frac{1}{2}$ " x $5\frac{1}{2}$ " x $4\frac{1}{2}$ ". Net weight 42 lbs.

LIST PRICE, in Metal Box.....\$63.65

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

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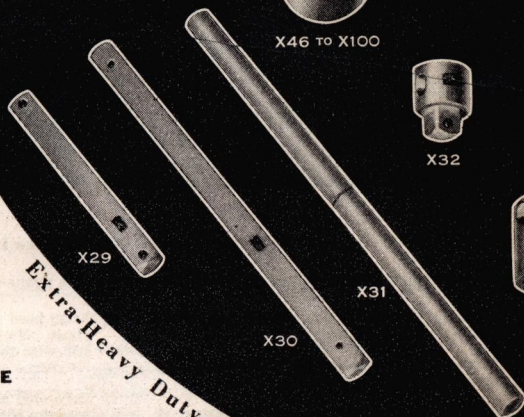
X46 to X100



X32



X33



X29

X30

X31

Extra-Heavy Duty Socket Series

1" SQUARE DRIVE

For making repairs to the largest trucks, tractors, buses and industrial equipment, this series of sockets and handles will be found exceptionally useful. Socket openings range from $1\frac{1}{16}$ " to $3\frac{1}{8}$ ". All pieces are chrome plated and will retain their original finish indefinitely.

EXTRA-HEAVY DUTY HANDLES and ATTACHMENTS

No.	Description	List Price
X29	Extension, 9" long.....	\$3.10
X30	Extension, 18" long.....	4.50
X31	Sliding Bar, 22" long.....	2.00
X32	Drive Head, Male.....	3.80
X33	Drive Head, Female.....	4.00

EXTRA-HEAVY DUTY HEXAGON SOCKETS

No.	for U.S.S. Bolt Size	for Hex. Head Cap Screws	for S.A.E. Nut & Cap Screws	Am. Std. Bolts & Nuts	Size Opening	List Price
X46	$\frac{7}{8}$ "		1"		$1\frac{1}{16}$ "	\$2.80
X48		$1\frac{1}{4}$ "		1"	$1\frac{1}{2}$ "	3.40
X52	1"	$1\frac{3}{8}$ "	$1\frac{1}{8}$ "		$1\frac{5}{8}$ "	3.80
X58	$1\frac{1}{8}$ "		$1\frac{1}{4}$ "		$1\frac{13}{16}$ "	5.35
X60				$1\frac{1}{4}$ "	$1\frac{7}{8}$ "	5.35
X64	$1\frac{1}{4}$ "		$1\frac{3}{8}$ "		2"	6.20
X70	$1\frac{3}{8}$ "		$1\frac{1}{2}$ "		$2\frac{3}{16}$ "	8.00
X72				$1\frac{1}{2}$ "	$2\frac{1}{4}$ "	8.50
X74					$2\frac{5}{16}$ "	9.50
X76	$1\frac{1}{2}$ "				$2\frac{3}{8}$ "	10.00
X78					$2\frac{7}{16}$ "	11.00
X80					$2\frac{1}{2}$ "	12.00
X82	$1\frac{5}{8}$ "				$2\frac{9}{16}$ "	13.35
X84				$1\frac{3}{4}$ "	$2\frac{5}{8}$ "	15.00
X86					$2\frac{11}{16}$ "	16.70
X88	$1\frac{3}{4}$ "				$2\frac{3}{4}$ "	18.35
X94	$1\frac{7}{8}$ "				$2\frac{15}{16}$ "	24.00
X100	2"				$3\frac{1}{8}$ "	28.00

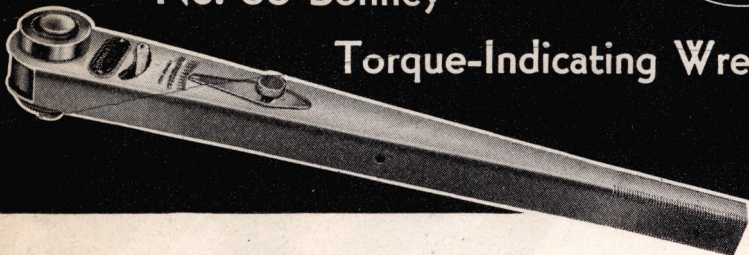
ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



No. 66 Bonney

Torque-Indicating Wrench



No Other Torque Wrench Like It!

Eleven outstanding features make this wrench the best buy in a torque-indicating wrench for any mechanic.

1. The No. 66 Bonney Torque Wrench has ratchet mechanism that is reversible.
2. It has no dials or gauges to get out of order or be damaged by careless handling.
3. Positive presetting of wrench eliminates all chance of error.
4. Three methods of telling when desired torque is reached.
 - (a) Red ratchet lever snaps to center
 - (b) A sharp "click" is heard
 - (c) Ratchet mechanism locks
5. The No. 66 Bonney Torque Wrench is safe to use. The ratchet mechanism locks when the desired torque is reached—it does not allow the handle to swing free, thus preventing smashed fingers for the user.
6. Small head permits use in normally inaccessible places. Not necessary to watch a dial or gauge to tell when the desired torque has been reached. No chance of error in reading dial or gauge.
7. Calibrated on a dead-weight tester. Consistent accuracy of the wrench is greater than consistent performance of bolts on which the wrench is used.
8. All working parts carefully hardened, providing long life for wrench.
9. Fastest torque wrench on the market, because of ratchet and absence of dials or gauges. (Wrench is set before starting job and work is done rapidly without slowing down to watch a dial).
10. Wide range—25 to 125 foot pounds.
11. Has no coil springs.

SIMPLE TO OPERATE—POSITIVE IN RESULTS

The No. 66 Bonney Torque Wrench is extremely simple to operate. All that is necessary is—

1. Set indicator at desired torque (foot pounds). To do this, loosen indicator clamping screw slightly, move the indicator to desired position on scale and then tighten screw firmly.
2. Move ratchet lever (red reversing lever) to position at extreme left of wrench.
3. Operate wrench just as any ratchet wrench until the ratchet lever snaps over to the neutral position in center then stop wrenching. There is a sharp click and the ratchet locks as a further signal that this point has been reached. To tighten the next bolt or nut, simply move the ratchet lever back to position at the extreme left of the wrench and repeat. The indicator is not moved except when a change of torque is desired.

You'll like the No. 66 Bonney Torque Indicating Wrench. It's the simplest, strongest, sturdiest torque wrench on the market. Suitable for use with $\frac{1}{2}$ " square drive sockets and attachments. The No. 66 Bonney Torque Indicating Wrench has the factory approval of Chevrolet, Buick, Oldsmobile, Pontiac, Cadillac, Hudson, Packard, Graham-Paige and G.M.C. Trucks. Length 17". Net Weight 4 $\frac{1}{4}$ lbs.

LIST PRICE\$14.50

For special box wrench attachments to be used with this wrench, please refer to page 25. Proper tensions recommended by motor car manufacturers shown on page 86.

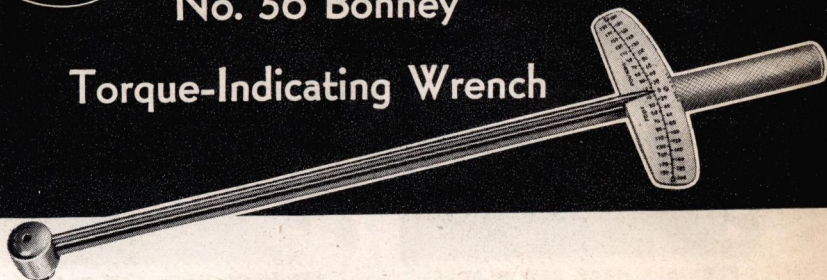


The Finest that Money Can Buy



No. 56 Bonney

Torque-Indicating Wrench



The No. 56 Bonney Torque-Indicating Wrench is sturdily constructed with heavy, ground, spring steel shaft with pointer which remains rigid.

The scale is conveniently placed near the handle grip and is accurately calibrated in foot pounds of tension from 0 to 200. It is permanently adjusted, light in weight and of rugged construction, with no moving parts to get out of order. The extremely small head of the No. 56 Bonney Torque-Indicating Wrench permits use of the wrench in places normally inaccessible with other torque wrenches. It is permanently equipped with $\frac{1}{2}$ " square adaptor and can be used with all $\frac{1}{2}$ " square drive sockets and attachments.

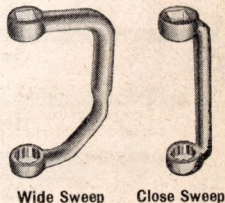
The No. 56 Bonney Torque-Indicating Wrench is fully chrome plated and highly polished. Handle grip is knurled. Overall length 23 inches. Weight only 3 lbs.

LIST PRICE.....\$7.00

BONNEY BOX WRENCH ATTACHMENTS

for Use with No. 56 and No. 66 Torque-Indicating Wrenches

Designed especially for drawing up cylinder head stud nuts on overhead valve motors with torque-indicating wrenches. These box wrench attachments are drop-forged of Bonaloy Steel with plated finish. They have double hexagon box wrench openings and $\frac{1}{2}$ " square drive for use with Nos. 56 and 66 Bonney Torque-Indicating Wrenches and all other torque-indicating wrenches having $\frac{1}{2}$ " square drive.



Wide Sweep

Close Sweep

No.	Double Hexagon Opening and Sweep	For Use On	List Price
2613	$\frac{3}{4}$ " close sweep	Chevrolet	\$2.20
2614	$\frac{3}{4}$ " wide sweep	Chevrolet	2.40
2615	$\frac{5}{8}$ " close sweep	Buick	2.30
2616	$\frac{5}{8}$ " wide sweep	Buick	2.50

The Finest that Money Can Buy

**BONNEY
TOOLS**

ADJUSTABLE HACK SAW FRAME



LIST PRICE.....

No. 2628—A sturdily built, adjustable hack saw frame that will give long and satisfactory service. The checkered steel pistol grip fits comfortably in the hand. The back is reinforced and is adjustable for from 8" to 12" blades. Blades may be faced in four directions. Has full nickel finish. Makes a splendid frame for automotive and industrial mechanics. Net weight 1½ lb.

\$1.80

HACK SAW BLADES

FLEXIBLE HACK SAW BLADES

(Tungsten Alloy Steel)

Flexible Back-Hardened Teeth

The teeth in these blades are carefully milled and set for fast cutting. The blades are correctly hardened and tempered.

No.	Lg'th	W'th	Ga.	Teeth per inch	Blade Series	List Price per Dz.
F1018	10"	1½"	.025	18	Coarse	\$1.40
F1024	10"	1½"	.025	24	Medium	1.40
F1032	10"	1½"	.025	32	Fine	1.40
F1218	12"	1½"	.025	18	Coarse	1.70
F1224	12"	1½"	.025	24	Medium	1.70
F1232	12"	1½"	.025	32	Fine	1.70

ALL HARD HACK SAW BLADES

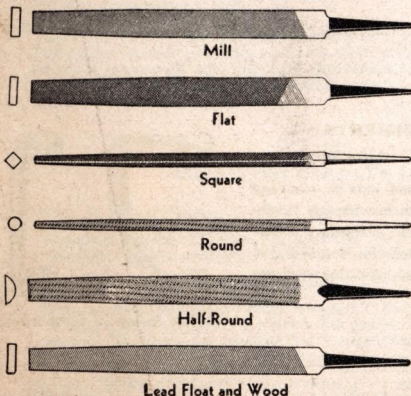
(Molybdenum High Speed Steel)

Non-flexible—for difficult jobs such as cutting chrome, nickel and high carbon steel.

No.	Lg'th	W'th	Ga.	Teeth per inch	Blade Series	List Price per Dz.
HS1018	10"	1½"	.025	18	Coarse	\$5.80
HS1024	10"	1½"	.025	24	Medium	5.80
HS1032	10"	1½"	.025	32	Fine	5.80
HS1218	12"	1½"	.025	18	Coarse	6.70
HS1224	12"	1½"	.025	24	Medium	6.70
HS1232	12"	1½"	.025	32	Fine	6.70

BONNEY FILES

Bonney Files, made in the types shown and in sizes listed below, are of quality consistent with all tools in the Bonney Line.



Mill Bastard		Flat Bastard		Square Bastard	
Size	List Price ea.	Size	List Price ea.	Size	List Price ea.
6"	\$0.40	6"	\$0.45	6"	\$0.50
8"	.45	8"	.55	8"	.60
10"	.60	10"	.75	10"	.80
12"	.80	12"	1.00	12"	1.10
14"	1.15	14"	1.40	14"	1.50
Round Bastard		Half Round Bastard		Lead Float or Wood (Flat)	
Size	List Price ea.	Size	List Price ea.		
6"	\$0.40	6"	\$0.65		
8"	.45	8"	.80		
10"	.60	10"	1.00		
12"	.80	12"	1.25	12"	\$1.25
14"	1.15	14"	1.65	14"	1.70

Standard Package Quantities—Files up to and including 10" in length are packed 1 dozen to the package. Files over 10" in length are packed ½ dozen to the package.

FILE HANDLES

Handles have metal ferrule which prevents splitting at the file tang opening. (Plain—no finish.)

Small (for 6", 8", 10" files) LIST PRICE.....\$0.10

Large (for 12", 14" files) LIST PRICE.....\$0.10



IGNITION POINT FILE

A quality double cut tungsten ignition point file. It's the type preferred by mechanics for filing ignition points. Length 5".

LIST PRICE.....\$0.20

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy

BONNEY
TOOLS

'CV' Chrome-Vanadium SOCKET WRENCHES

Bonney Solid Socket Wrenches are made from 'CV' Chrome-Vanadium Steel. The socket and shank are forged in one piece and the sockets are designed so as to provide reasonable depth, while the outside diameter of the socket is as thin as practical to permit of the greatest possible clearance. All are chrome plated, with polished heads.

OFFSET TYPE

Wrench No.	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Std. Screw and Nut	Hex. Opening	Length	Handle Offset	List Price
2101	1/4	1/4	7/16	8	2	\$1.70
2102	1/4	5/16	5/16	7/8	8	2	
2103	.....	3/8	3/8	9/16	8	2
2104	5/16	.....	.....	19/32	10	2
2105	.....	7/16	7/16	5/8	10	2
2106	3/8	11/8	10	2	2.00
2107	.....	1/2	1/2	5/4	10	2
2108	7/16	.....	.....	25/32	10	2 1/4
2109	.....	9/16	.....	13/16	10	2 1/4
2110	1/2	5/8	9/16	7/8	10	2 1/4	
2270S	15/16	9 1/8	23/16	3.95
2270A	9/16	.....	.....	31/32	9 1/8	23/16
2270D	3/4	11/16	1	9 1/8	23/16	4.55
2271A	5/8	.....	3/4	1 1/16	10	23/8
2271D	7/8	1 1/8	10	23/8	6.00
2273A	3/4	1	7/8	1 1/4	11 5/8	23/8	
2274D	1 1/8	1 5/8	12 5/8	3 1/8	6.70
2275A	7/8	1	1 7/8	13 1/4	3 1/8	7.55
2275D	1 1/4	1 1/2	13 1/4	3 1/8	8.70
2276A	1	1 3/8	1 1/8	1 5/8	14 1/8	3 1/2	
2277A	1 1/8	1 1/4	1 13/16	16 1/2	3 7/8	9.75

"T" TYPE

Wrench No.	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Std. Screw and Nut	Hex. Opening	Extreme Length	List Price
2201	1/4	1/4	7/16	12	\$1.95
2202	1/4	5/16	5/16	7/8	12	
2203	.....	3/8	3/8	9/16	12
2204	5/16	.....	.....	19/32	12
2205	.....	7/16	7/16	5/8	12
2206	3/8	11/8	12	2.40
2207	.....	1/2	1/2	3/4	12
2208	7/16	.....	.....	25/32	12
2209	.....	9/16	.....	13/16	12
2210	1/2	5/8	7/8	7/8	12	

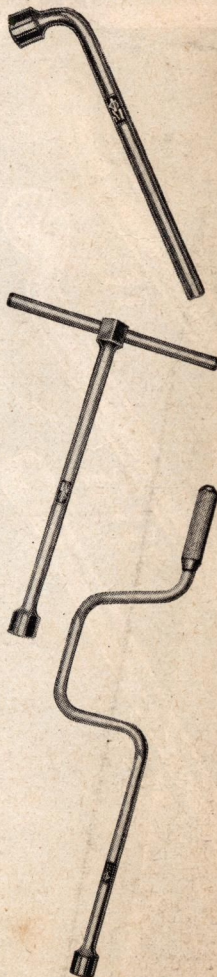
BRACE TYPE 20 INCHES—2400 SERIES

Wrench No.	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Std. Screw and Nut	Hex. Opening	Length of Shank	List Price
2401	1/4	1/4	7/16	20	\$2.80
2402	1/4	5/16	5/16	7/8	20	
2403	.....	3/8	3/8	9/16	20
2404	5/16	.....	.....	19/32	20
2405	.....	7/16	7/16	5/8	20
2406	3/8	11/8	20	3.15
2407	.....	1/2	1/2	3/4	20
2408	7/16	.....	.....	25/32	20
2409	.....	9/16	.....	13/16	20
2410	1/2	5/8	7/8	7/8	20	

BRACE TYPE 30 INCHES—2500 SERIES

Wrench No.	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Std. Screw and Nut	Hex. Opening	Length of Shank	List Price
2503	5/8	3/8	9/16	30	\$3.55
2505	7/16	7/16	5/8	30	

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



The Finest that Money Can Buy

BOX WRENCHES

BONALOY and ZENEL STEELS

Double Hexagon Openings



The types of jobs on which box wrenches are used require thin wall openings with great strength. Bonney Bonaloy and ZENEL Box Wrenches all have double hexagon openings and meet these requirements. They are strong, light in weight and handles are shaped to provide a firm, comfortable grip. They have "the feel and balance" which characterizes all fine tools. They are fully chrome plated and have polished heads.

BONALOY SHORT TYPE

Both Ends Offset—Different Openings Each End

Wrench No.	Openings	U. S. S. Bolt Size	Hex. Hd. Cap Srw.	S.A.E. Std. Srw. & Nut	Length	List Price
2804	$\frac{3}{8}$ & $\frac{7}{16}$	.....	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$5\frac{1}{8}$	\$1.15
2804A	$\frac{13}{32}$ & $\frac{7}{16}$	$\frac{3}{16}$ &	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$5\frac{1}{8}$	1.15
2805A	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{4}$ & $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{3}{16}$	$\frac{1}{4}$ & $\frac{3}{16}$	$5\frac{1}{2}$	1.25
2805	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{4}$ &	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	$5\frac{1}{2}$	1.25
2806A	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{4}$ &	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	6	1.35
2806	$\frac{1}{2}$ & $\frac{5}{8}$	.....	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{1}{2}$	6	1.35

BONALOY LONG TYPE

Both Ends Offset—Different Openings Each End

Wrench No.		Openings		U. S. S. Bolt Size		Hex. Hd. Cap Srw.		S.A.E. Std. Srw. & Nut		Length	List Price
2804L	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$8\frac{1}{2}$	\$1.25			
2804B	$\frac{13}{32}$ & $\frac{1}{2}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$8\frac{3}{4}$	1.25				
2804C	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{4}$ & $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{3}{16}$	$\frac{1}{4}$ & $\frac{3}{16}$	$8\frac{3}{4}$	1.25				
2805L	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{1}{4}$ &	$\frac{1}{4}$ &	$\frac{1}{4}$ & $\frac{5}{8}$	$\frac{1}{4}$ & $\frac{5}{8}$	9	1.30				
2805B	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{4}$ & $\frac{3}{16}$	$\frac{1}{4}$ & $\frac{3}{16}$	$\frac{1}{4}$ & $\frac{3}{16}$	$\frac{1}{4}$ & $\frac{3}{16}$	9	1.30				
2806L	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{1}{2}$	$9\frac{1}{2}$	1.40			
2807A	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{5}{8}$ &	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	11	1.60				
2807	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	11	1.60				
2808B	$\frac{11}{16}$ & $\frac{25}{32}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	$11\frac{1}{2}$	1.70			
2808	$\frac{3}{4}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	$11\frac{1}{2}$	1.80				
2809A	$\frac{25}{32}$ & $\frac{7}{8}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$12\frac{1}{2}$	2.15				
2809	$\frac{25}{32}$ & $\frac{15}{16}$	$\frac{1}{2}$ &	$\frac{1}{2}$ &	$\frac{5}{8}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{5}{8}$	$12\frac{1}{2}$	2.15				
2810B	$\frac{7}{8}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{3}{16}$	$\frac{1}{2}$ & $\frac{3}{16}$	$\frac{5}{8}$ & $\frac{3}{16}$	$\frac{5}{8}$ & $\frac{3}{16}$	$13\frac{1}{2}$	2.75				
2810C	$\frac{7}{8}$ & 1	$\frac{1}{2}$ &	$\frac{1}{2}$ &	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$13\frac{1}{2}$	2.75				
2810A	$\frac{15}{16}$ & $\frac{31}{32}$	$\frac{5}{8}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$13\frac{1}{2}$	2.75				
2810	$\frac{15}{16}$ & 1	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{11}{16}$	$13\frac{1}{2}$	2.75			
2811E	$\frac{15}{16}$ & $\frac{11}{16}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$14\frac{1}{2}$	3.80				
2811B	$\frac{15}{16}$ & $\frac{11}{16}$	$\frac{5}{8}$ &	$\frac{5}{8}$ &	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$14\frac{1}{2}$	3.80				
2811	1 & $\frac{1}{8}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{5}{8}$	$\frac{11}{16}$ & $\frac{5}{8}$	$14\frac{1}{2}$	3.80			
2812B	$\frac{11}{16}$ & $\frac{1}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & 1	$\frac{5}{8}$ & $\frac{7}{8}$	$16\frac{1}{2}$	4.50				
2812C	$\frac{11}{16}$ & $\frac{1}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{8}$ & 1	$\frac{7}{8}$ & $\frac{7}{8}$	$16\frac{1}{2}$	4.50				
2812	$\frac{1}{4}$ & $\frac{1}{8}$	$\frac{3}{4}$ & $\frac{1}{8}$	$\frac{3}{4}$ & $\frac{1}{8}$	1 & $\frac{1}{8}$	$\frac{7}{8}$ & $\frac{1}{8}$	$17\frac{1}{2}$	4.90				
2812A	$\frac{1}{4}$ & $\frac{1}{8}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{3}{4}$ & $\frac{7}{8}$	1 & $\frac{1}{8}$	$\frac{7}{8}$ & 1	20	6.15				
2813	$\frac{1}{4}$ & $\frac{1}{8}$	$\frac{1}{2}$ & 1	$\frac{1}{2}$ & 1	$\frac{1}{2}$ & $1\frac{1}{8}$	$\frac{1}{2}$ & $1\frac{1}{8}$	23	6.40				
2815	$\frac{13}{16}$ & 2	$\frac{1}{2}$ & $\frac{1}{4}$	.....	$\frac{1}{2}$ & $\frac{1}{4}$	$\frac{1}{2}$ & $\frac{1}{4}$	$24\frac{1}{4}$	11.00			
2815A	2 & $\frac{23}{32}$	$\frac{1}{2}$ & $\frac{1}{4}$	.....	$\frac{1}{2}$ & $\frac{1}{4}$	$\frac{1}{2}$ & $\frac{1}{4}$	26	12.75			
2819	$\frac{23}{16}$ & $\frac{23}{8}$	$\frac{1}{2}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{1}{2}$	$\frac{1}{2}$ &	$\frac{1}{2}$ &	26	13.80				
2821	$\frac{23}{16}$ & $\frac{23}{4}$	$\frac{1}{2}$ & $\frac{3}{4}$	$\frac{1}{2}$ & $\frac{3}{4}$	$\frac{1}{2}$ & $\frac{3}{4}$	$\frac{1}{2}$ & $\frac{3}{4}$	28	21.15				

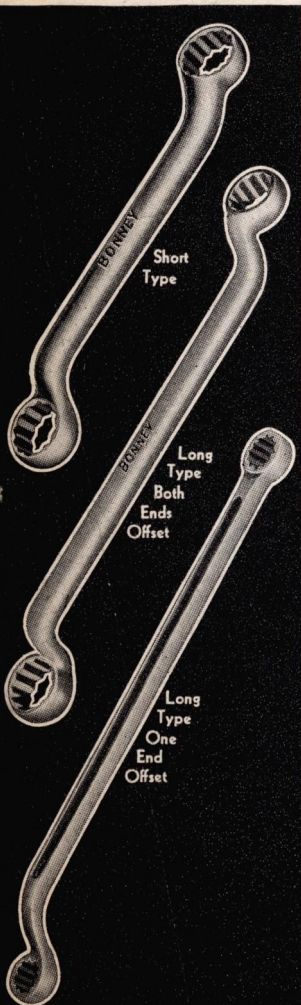
ZENEL LONG TYPE BOX WRENCHES

One end offset—Double Hexagon Openings—Same size openings both ends.

Wrench No.	Openings	U. S. S. Bolt Size	Hex. Hd. Cap Srw.	S.A.E. Std. Srw. & Nut	Length	List Price
Z2814	$\frac{1}{16}$	.....	$\frac{1}{4}$	$\frac{1}{4}$	8	\$1.60
Z2816	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	9	1.70
Z2818	$\frac{9}{16}$	.....	$\frac{3}{8}$	$\frac{3}{8}$	$9\frac{1}{2}$	1.80
Z2820	$\frac{5}{8}$	.....	$\frac{7}{16}$	$\frac{7}{16}$	10	1.95
Z2822	$\frac{11}{16}$	$\frac{5}{8}$	.....	.....	11	2.05
Z2824	$\frac{3}{4}$	.....	$\frac{1}{2}$	$\frac{1}{2}$	$11\frac{1}{2}$	2.15
Z2825	$\frac{29}{32}$	$\frac{7}{16}$	.....	.....	12	2.45
Z2826	$\frac{19}{16}$	.....	$\frac{3}{16}$	$\frac{3}{16}$	12	2.45
Z2828	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$12\frac{3}{4}$	2.65
Z2830	$\frac{15}{16}$	.....	.....	$\frac{5}{8}$	$13\frac{1}{2}$	3.05
*2832	1	.....	$\frac{3}{4}$	$\frac{11}{16}$	15	3.80
*2834	$\frac{1}{16}$	$\frac{5}{8}$	.....	$\frac{3}{4}$	$17\frac{1}{2}$	4.20
*2836	$\frac{1}{8}$	.....	$\frac{7}{8}$	.....	$17\frac{1}{2}$	4.70
*2839	$\frac{1}{4}$	$\frac{3}{4}$	1	$\frac{7}{8}$	$17\frac{1}{2}$	5.15

* These wrenches forged of Bonaloy Steel

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



The Finest that Money Can Buy

**BONNEY
TOOLS**

No. 2890 Series

BONNEY

15° ANGLE

No. 2890 SERIES BONALOY BOX WRENCHES

15° Angle—Double Hexagon Openings—Different Size Openings in Each End

No. 2890 Series Box Wrenches are designed for work in locations with low overhead clearance. Drop-forged of Bonaloy Steel, their heads are at angles of 10° to 15° depending on the length of the wrench. Either side of the head may be applied. Handles are long, thin and oval-shaped, affording a comfortable grip. They have double hexagon openings, are fully chrome plated and have polished heads.

Hexagon openings, are fully chrome plated and have polished ends.						
No.	Openings	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Std. Screw & Nut	Length	List Price
2890	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{7}{8}$	\$1.15	
2890B	$\frac{1}{2}$ & $\frac{1}{2}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{2}$	$\frac{7}{8}$	1.20	
2890C	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{3}{16}$	$\frac{7}{8}$	1.20	
2891	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{4}$ & $\frac{3}{16}$	$\frac{3}{16}$ & $\frac{3}{8}$	$\frac{8}{8}$	1.25	
2891A	$\frac{1}{2}$ & $\frac{1}{2}$	$\frac{1}{4}$ & $\frac{3}{16}$	$\frac{3}{16}$ & $\frac{3}{8}$	$\frac{8}{8}$	1.25	
2891C	$\frac{9}{16}$ & $\frac{5}{8}$	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{14}$	1.35	
2892	$\frac{5}{8}$ & $\frac{11}{16}$	..... & $\frac{3}{8}$	$\frac{7}{16}$ & $\frac{3}{8}$	$\frac{9}{8}$	1.40	
2892B	$\frac{5}{8}$ & $\frac{3}{4}$	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	1.40	
2893A	$\frac{11}{16}$ & $\frac{25}{32}$	$\frac{9}{8}$ & $\frac{7}{16}$	.....	11	1.60	
2893	$\frac{3}{4}$ & $\frac{13}{16}$	.....	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	11	1.60
2893B	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{1}{2}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	11	1.60
2894	$\frac{7}{8}$ & $\frac{15}{16}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{13}{14}$	2.10
2894A	$\frac{7}{8}$ & 1	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{13}{14}$	2.35
2894B	$\frac{15}{16}$ & 1	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{13}{14}$	2.35
2895A	$\frac{7}{8}$ & $\frac{1}{16}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{15}{12}$	3.85
2895B	$\frac{15}{16}$ & $\frac{1}{16}$	..... & $\frac{5}{8}$	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{15}{12}$	3.85
2895	1 & $\frac{1}{16}$	..... & $\frac{9}{8}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{3}{4}$	$\frac{15}{12}$	3.85
2895C	1 & $\frac{1}{8}$	.....	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{3}{4}$	$\frac{15}{12}$	3.85
2896	$\frac{1}{16}$ & $\frac{1}{8}$	.....	$\frac{1}{8}$ & $\frac{1}{16}$	.....	16	4.20
2897	$\frac{1}{4}$ & $\frac{1}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	1 & $\frac{1}{8}$	$\frac{7}{8}$ & 1	18	4.85

EXTRA-SMALL BOX WRENCHES



Bonney Extra-Small Box Wrenches are drop forged of 'CV' Chrome-Vanadium Steel, chrome plated and polished. They are ideal for generator, carburetor, starter, electrical and ignition work where parts are small and space in which to work is limited.

No.	Openings	Length	List Price
E40	$\frac{3}{16}$ & $\frac{1}{8}$ Hexagon....	$\frac{2}{8}$ "	\$0.95
E42	$\frac{7}{32}$ & $\frac{1}{8}$ Hexagon....	$\frac{3}{8}$ "	.95
E44	$\frac{1}{4}$ & $\frac{3}{16}$ Double Hex.	$\frac{3}{8}$ "	.95
E46	$\frac{5}{16}$ & $\frac{1}{2}$ Double Hex.	$\frac{3}{4}$ "	.95

SINGLE HEAD CHROME-ALLOY BOX WRENCHES



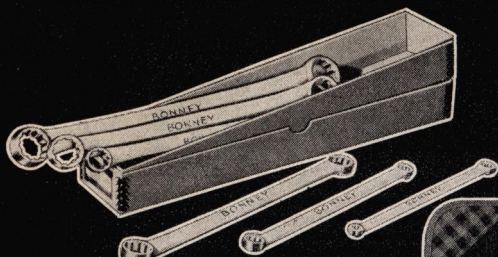
Bonney Single Head Box Wrenches are forged of special alloy steel, carefully heat-treated, to withstand hard use. Their large openings and long handles make them especially adapted to work on trucks, buses, tractors, industrial and farm machinery. They are chrome-plated, with polished heads, and have double hexagon openings.

W'r'ch No.	Open- ing	U.S.S. Bolt Size	Hex. Hd. Cap Screw	S.A.E. St. Screw & Nut	Length	List Price
1808	$\frac{1}{4}$	$\frac{3}{4}$	1	$\frac{7}{8}$	$\frac{10}{34}$	\$3.15
1808A	$\frac{1}{2}$	$\frac{7}{8}$	.....	$\frac{10}{34}$	12	3.15
1809	$\frac{1}{2}$	$\frac{7}{8}$	.....	1	12	4.25
1809A	$\frac{1}{2}$	.....	$\frac{1}{8}$	.....	12	4.25
1810	$\frac{1}{2}$	1	.....	$\frac{1}{8}$	$\frac{13}{12}$	5.80
1810A	$\frac{1}{2}$	.....	$\frac{1}{4}$	.....	$\frac{13}{12}$	5.80
1811	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{4}$	15	7.60
1812	2	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{16}{12}$	10.00
1813	$\frac{2}{8}$	$\frac{1}{8}$	$\frac{1}{2}$	18	12.45
1814	$\frac{2}{8}$	$\frac{1}{2}$	20	15.40

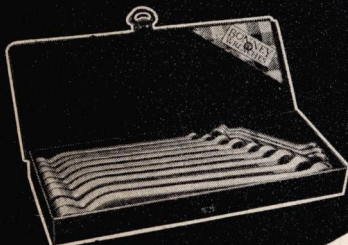
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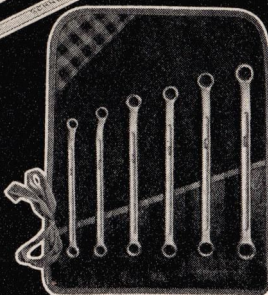
**BONNEY
TOOLS**



No. 39



No. Z34



No. Z31

BOX WRENCH SETS

No. 39 SET

For the mechanic who wants the finest box wrenches that can be bought, this assortment meets every demand. It contains six wrenches of the No. 2890 Series with heads at 10° and 15° angles for use on work with low over-head clearance. The six wrenches have the following openings: $\frac{3}{8}$ " and $\frac{1}{2}$ "; $\frac{5}{16}$ " and $\frac{3}{8}$ "; $\frac{11}{16}$ " and $\frac{13}{16}$ "; $\frac{7}{8}$ " and $1\frac{1}{16}$ ". Packed complete in a cardboard box.

LIST PRICE..... \$11.35

No. Z34 SET

The No. Z34 Set is an assortment of twelve double-end box wrenches for all general purpose work. It contains nine of the long type with one end offset and the same opening in each end. Made of ZENEL Steel, chrome plated, these wrenches have the following double hexagon openings: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ " and $1\frac{1}{2}$ ".

In addition, three of the short type Bonaloy Box

Wrenches having different openings in each end are included. Double hexagon openings include $\frac{3}{8}$ " and $\frac{1}{2}$ "; $\frac{5}{16}$ " and $\frac{3}{8}$ "; $\frac{11}{16}$ " and $\frac{13}{16}$ ". Packed complete in metal box, this set weighs 8 lbs.

LIST PRICE, in Metal Box..... \$26.15

Available also in Cardboard Box weighing 5 $\frac{3}{4}$ lbs.

LIST PRICE, in Cardboard Box..... \$23.15

No. Z31 SET

Every mechanic should own this set. It contains six double end box wrenches forged of ZENEL Steel, all having double hexagon openings and with one end offset. Openings included are as follows: $\frac{1}{16}$ ", $\frac{1}{8}$ ",

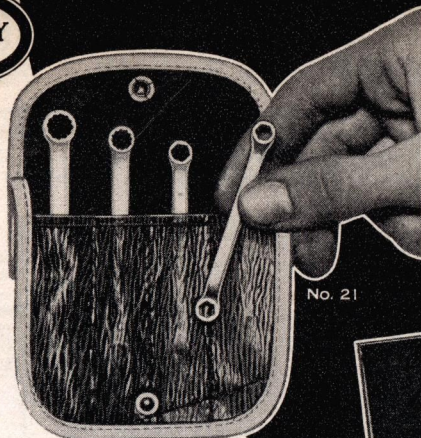
$\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ " and $\frac{3}{4}$ ". Packed in handy leatherette roll, this set lists at \$12.35.

Available in Cardboard Box at a LIST PRICE of \$11.25

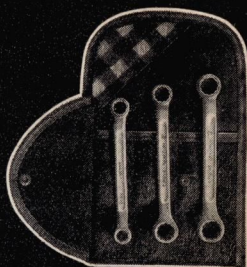
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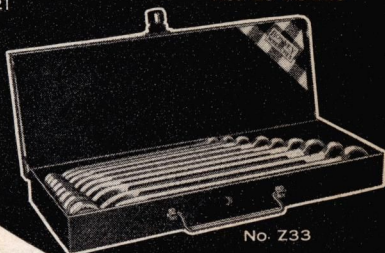
**BONNEY
TOOLS**



No. 21



Nos. 29 AND Z29



No. Z33

BOX WRENCH SETS

No. 21 SET

The No. 21 Set is ideal for work on ignition systems, generators, starters, heaters, etc. It contains four extra-small box wrenches made of 'CV' Chrome-Vanadium Steel, and chrome plated. These wrenches have the following openings: $\frac{3}{16}$ " and $\frac{1}{8}$ " hexagon; $\frac{1}{16}$ " and $\frac{1}{8}$ " hexagon; $\frac{1}{4}$ " and $\frac{9}{32}$ " double hexagon; $\frac{5}{16}$ " and $\frac{11}{32}$ " double hexagon.

LIST PRICE, in Leatherette Roll \$4.20

LIST PRICE, in Cardboard Box 3.80

No. 29 SET

The No. 29 Set contains three short, double-end box wrenches forged of Bonaloy Steel, chrome plated and with polished heads. These wrenches have different size double hexagon openings in each end. Included are $\frac{3}{8}$ " and $\frac{1}{2}$ "; $\frac{1}{2}$ " and $\frac{5}{8}$ "; $\frac{5}{8}$ " and $\frac{3}{4}$ " openings.

LIST PRICE, in Leatherette Roll \$4.45

LIST PRICE, in Cardboard Box 3.75

No. Z33 SET

The No. Z33 Box Wrench Set is an assortment of nine long type double-end box wrenches with one end offset. These wrenches are forged of ZENEL Steel, are light in weight, unusually strong and have thin, comfortable handles. They are chrome plated, with heads buffed to a high, permanent lustre.

These wrenches have the same size double hexagon opening in each end and the openings included are as follows: $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ". Packed in a heavy, attractively finished metal box.

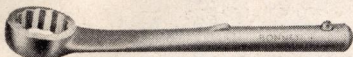
LIST PRICE, in Metal Box \$22.40

LIST PRICE, in Cardboard Box 19.40

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BONNEY HEAVY DUTY BOX WRENCHES



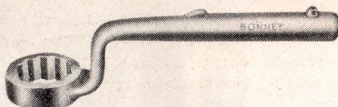
15° Angle—For Use With Tubular Handles—Double Hexagon Opening

Bonney Heavy Duty Box Wrenches with double hexagon openings are designed for breaking loose or tightening large diameter nuts with a minimum of effort.

Drop-forged of chrome-alloy steel, they are carefully heat treated to insure the ultimate strength of the steel, and are heavily plated. All have highly polished heads.

A positive locking device holds the wrenches firmly in the interchangeable handle designed to give extra leverage for turning the "toughest" nut.

Wrench No.	Size Opening	Thickness of Head	Diam. Shank	List Price
BA52	1 $\frac{5}{8}$	1	1	\$ 6.65
BA56	1 $\frac{3}{4}$	1	1	7.00
BA58	1 $\frac{13}{16}$	1 $\frac{1}{16}$	1	7.30
BA60	1 $\frac{7}{8}$	1 $\frac{1}{16}$	1	8.35
BA64	2	1 $\frac{1}{8}$	1	8.35
BA70	2 $\frac{3}{16}$	1 $\frac{1}{8}$	1	9.70
BA72	2 $\frac{1}{4}$	1 $\frac{1}{4}$	1	10.50



Double Offset Type — For Use With Tubular Handles—Double Hexagon Opening.

Of exactly the same quality and finish as the 15° angle Heavy Duty Box Wrenches, these wrenches are for use on the same types of work.

The double offset head permits their use in places inaccessible with any other type of wrench.

Wrench No.	Size Opening	Thickness of Head	Diam. Shank	List Price
BO52	1 $\frac{5}{8}$	1	1	\$ 7.80
BO56	1 $\frac{3}{4}$	1	1	8.10
BO58	1 $\frac{13}{16}$	1 $\frac{1}{16}$	1	8.45
BO60	1 $\frac{7}{8}$	1 $\frac{1}{16}$	1	9.80
BO64	2	1 $\frac{1}{8}$	1	9.80
BO70	2 $\frac{3}{16}$	1 $\frac{1}{8}$	1	10.85
BO72	2 $\frac{1}{4}$	1 $\frac{1}{4}$	1	11.60

INTERCHANGEABLE TUBULAR HANDLE



Handle No.	Inside Diameter	Outside Diameter	Length	List Price
BH32	1	1 $\frac{1}{4}$	30	\$6.00

For Use with Bonney Heavy Duty Box Wrenches

Made of seamless steel tubing, with holes provided in each end of the handle to insure positive locking on the spring ball plunger in the ends of the wrench shank.

15° Angle and Double Offset Type Heavy Duty Box Wrenches are interchangeable on the handle.

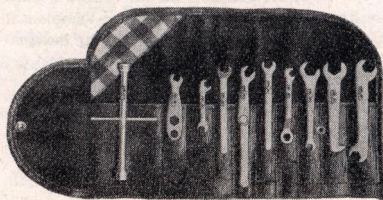
No. 18 IGNITION WRENCH SET

A very handy ignition wrench set. The tools included will be found unusually useful on popular ignition systems such as Autolite, Bosch, Delco, Eisemann, Northeast, Remy, Splittorf, Westinghouse, etc. Contains the ten wrenches, from E2 to E11 inclusive, shown in the table below.

It is available in handy leatherette roll for the ignition specialist, or in cardboard box for the mechanic who wishes to supplement his present tool kit.

LIST PRICE, in Leatherette Roll.....\$8.70

LIST PRICE, in Cardboard Box.....7.90



INDIVIDUAL IGNITION WRENCHES

Wrench No.	Description	List Price	Wrench No.	Description	List Price
E2	Northeast, Splittorf, Bosch..	\$0.60	E7	Bosch Du 4 & Du 6, Autolite..	.60
E3	Eisemann.....	.60	E8	Delco Remy.....	.80
E4	Remy, Wagner.....	.60	E9	Remy Cam.....	.80
E5	Remy, Wagner.....	.60	E10	Autolite Generator.....	.80
E6	Ford, Third Brush.....	1.00	E11	Bosch.....	1.30

No. 2572 IGNITION PLIER



A dandy little plier for electrical and ignition work. It is of the three-notch, slip-joint, adjustable pattern forged of alloy steel, with plated finish.

LIST PRICE.....\$2.15

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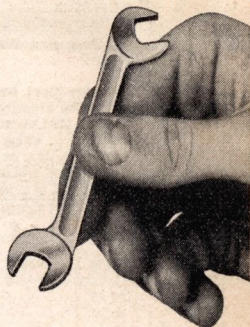


ELECTRICAL WRENCHES

Bonney Electrical Wrenches are designed to take care of practically any tool requirement in this class of work. They are drop forged of ZENEL Steel, have panelled handles, are unusually thin and light in weight. Openings are at 15° and 60°. They are chrome plated, with heads buffed to a high, permanent lustre.

ZENEL ELECTRICAL WRENCHES

Wr'ch No.	Openings		Length	Thick- ness	List Price
	15° End	60° End			
E14	13/64"	15/64"	3"	7/64"	\$0.90
E16	15/64"	13/64"	3"	7/64"	.90
E18	7/32"	1/4"	3"	7/64"	.90
E20	1/32"	7/32"	3"	7/64"	.90
E22	9/32"	5/16"	3 1/2"	1/8"	1.00
E24	5/16"	9/32"	3 1/2"	1/8"	1.00
E26	11/32"	3/8"	4"	9/64"	1.15
E28	3/8"	11/32"	4"	9/64"	1.15
E30	7/16"	1/2"	4 1/2"	5/32"	1.30



No. 16 ELECTRICAL SET

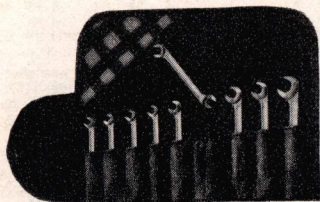
This set is widely used on every type of electrical work. It contains one each of the following:

Nos. E14	Nos. E20	Nos. E26
E16	E22	E28
E18	E24	E30

all with openings as listed in the table above. Because the same openings are provided at both 15° and 60° angles, this set offers the mechanic a very practical line of wrenches. Available in either handy leatherette roll or cardboard box.

LIST PRICE, in Leatherette Roll \$10.00

LIST PRICE, in Cardboard Box 9.20



No. 17 ELECTRICAL SET

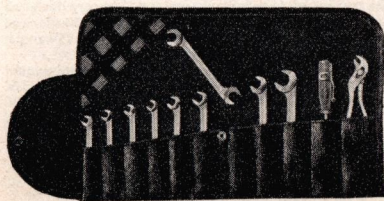
In addition to the nine ZENEL Electrical Wrenches listed in the table above, the No. 17 Set contains one pocket size screw driver with non-conducting composition handle and pocket clip, and one 3-notch slip-joint ignition plier.

It will be found unusually useful when working on distributors, magnetos, coils and other electrical and ignition equipment.

It is available in handy leatherette roll or cardboard box.

LIST PRICE, in Leatherette Roll \$12.60

LIST PRICE, in Cardboard Box 11.80

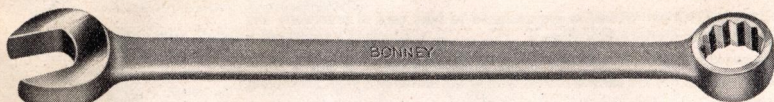


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BONALOY TUTYPE WRENCHES



Drop-forged of Bonaloy Steel, heavily chrome-plated with buffed heads, the advantages of this type of wrench are readily apparent to the experienced mechanic. Providing an open end and box wrench, each with the same size opening in the same tool, permits using the end most applicable to the job on hand.

The wide range of sizes in which they may be had makes them adaptable for work on carburetors, generators, manifolds, clutches and starters, as well as general service work on trucks, buses, farm, industrial, oil drilling and refinery equipment. The box end has double hexagon openings, with heads set at 15° to give proper clearance for obstructions. The open end is angled at 15° for efficiency.

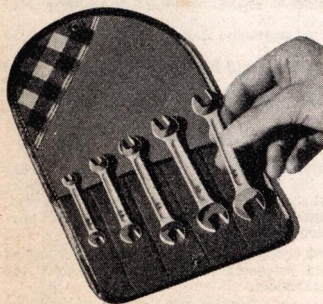
Wrench No.	Size Opening	U. S. S. Bolt Size	U. S. S. Hex. Hd. Cap Screw; Size Screw	S. A. E. Std. Screw & Nut	American Std. Nuts; Size Bolt	American Std Cap Screw; Size Screw	Length Inches	List Price
1160	$\frac{3}{8}$		$\frac{3}{16}$		No. 10		5	\$1.50
1161	$\frac{7}{16}$		$\frac{1}{4}$	$\frac{1}{4}$	No. 12 & $\frac{1}{4}$	$\frac{1}{4}$	5 $\frac{3}{8}$	1.55
1162	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$		$\frac{5}{16}$	6	1.65
1163	$\frac{9}{16}$		$\frac{3}{8}$	$\frac{3}{8}$		$\frac{3}{8}$	6 $\frac{3}{4}$	1.80
1164	$\frac{5}{8}$		$\frac{1}{2}$	$\frac{1}{2}$		$\frac{1}{2}$	7 $\frac{3}{4}$	2.00
1165	1 $\frac{1}{16}$	$\frac{3}{8}$					8 $\frac{3}{8}$	2.20
1166	$\frac{3}{4}$		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	9 $\frac{1}{2}$	2.40
1167	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{5}{8}$	11	2.60
1168	1 $\frac{5}{16}$			$\frac{5}{8}$	$\frac{5}{8}$		13	2.80
1170	1		$\frac{3}{4}$	1 $\frac{1}{16}$		$\frac{3}{4}$	13	2.80
1171	1 $\frac{1}{16}$	$\frac{9}{8}$		$\frac{3}{4}$			15	3.10
1173	1 $\frac{1}{4}$	$\frac{3}{4}$	1	$\frac{7}{8}$			18	3.75
1176	1 $\frac{1}{2}$	$\frac{7}{8}$		1			21	4.50

No. 42 TU TYPE WRENCH SET

Contains 8 TuType Wrenches of the No. 1160 Series, selected to care for the greatest requirements for wrenches of this type. One each of the following numbers are included—1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167.

LIST PRICE, in Cardboard Box \$15.70

LIST PRICE, in Leatherette Roll 17.30



The No. 20 SET

The No. 20 Miniature Wrench Set contains one each of the following ZENEL Miniature Wrenches listed in the table to the right—Nos. H10, H12, H14, H16, H18.

LIST PRICE, in Leatherette Roll..... \$4.10

LIST PRICE, in Cardboard Box..... 3.70

ZENEL MINIATURE WRENCHES

Bonney ZENEL Miniature Wrenches are ideal for delicate work such as is necessary on magnetos, generators, radios, distributors, oil cleaners, carburetors, electrical parts and similar jobs.

They are made of ZENEL Steel, the hardest tough wrench steel on the market, and are fully guaranteed. They are designed with concave handles, have narrow, pear-shaped heads and are perfectly balanced. Openings are at the standard 15° angle, with different size openings in each end.

All are chrome plated with heads buffed to a high, permanent lustre.

Wrench No.	Openings Milled	Length	Thickness Heads	List Price
H-10	$\frac{3}{16}$ & $\frac{7}{32}$	2 $\frac{1}{2}$	$\frac{3}{32}$	\$0.65
H-12	$\frac{1}{4}$ & $\frac{1}{32}$	3	$\frac{1}{32}$	.65
H-14	$\frac{9}{16}$ & $\frac{1}{32}$	3 $\frac{3}{4}$	$\frac{3}{16}$.80
H-15	$\frac{9}{32}$ & $\frac{3}{8}$	3 $\frac{3}{4}$	$\frac{3}{16}$.80
H-16	$\frac{3}{8}$ & $\frac{1}{2}$	4 $\frac{1}{8}$	$\frac{1}{2}$.80
H-18	1 $\frac{1}{32}$ & 1 $\frac{1}{2}$	4 $\frac{1}{8}$	$\frac{1}{2}$.80

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ZENEL ENGINEERS' WRENCHES



Bonney ZENEL Engineers' Wrenches are the result of research and experimentation on the part of Bonney engineers and metallurgists to discover a wrench steel that is the ultimate in toughness, wear resisting properties and strength. This research resulted in the selection of and use of ZENEL, the hardest, tough wrench steel on the market today. Wrenches made of ZENEL actually outlast two or three wrenches made of ordinary steels. Wrenches designed of ZENEL Steel have a handle section which is concave and which allows the mechanic to obtain a firm, comfortable grip on the wrench. It also permits a reduction in the width of the wrench heads and in their thickness. The advantages gained through these refinements in design are obvious.

All Bonney ZENEL Engineers Wrenches are chrome-plated, with heads buffed to a high, permanent lustre. They are carefully inspected and rigidly tested.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S.A.E. St'd Screw & Nut	Openings Milled	Extreme Length	Thickness of Head	List Price
3020	$\frac{1}{8}$ & $\frac{1}{8}$	$\frac{1}{8}$ & $\frac{1}{8}$		$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{3}{16}$		
3721	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{3}{16}$		$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{3}{16}$	\$1.10	
3021	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{3}{16}$		$\frac{1}{4}$ & $\frac{13}{32}$	$\frac{3}{16}$		
3723		$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{7}{32}$	1.15	
3723A	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{7}{32}$		
3023	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{5}{16}$	$\frac{13}{32}$ & $\frac{1}{2}$	$\frac{7}{32}$	1.35	
3725	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{5}{16}$	$\frac{1}{2}$ & $\frac{1}{2}$	$\frac{1}{4}$		
3725B	$\frac{1}{4}$ & $\frac{1}{2}$	$\frac{3}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{4}$	1.60	
3025	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{3}{16}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{4}$		
3727		$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{1}{2}$ & $\frac{11}{16}$	$\frac{9}{32}$	2.05	
3027C	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{1}{2}$ & $\frac{11}{16}$	$\frac{9}{32}$		
3027	$\frac{5}{16}$ & $\frac{3}{8}$			$\frac{1}{2}$ & $\frac{11}{16}$	$\frac{9}{32}$	2.75	
3028S	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{25}{32}$	$\frac{5}{16}$		
3729	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{16}$	3.40	
3029	$\frac{3}{8}$ & $\frac{7}{16}$			$\frac{11}{16}$ & $\frac{25}{32}$	$\frac{5}{16}$		
3731		$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{13}{16}$	$\frac{9}{32}$	4.75	
3731A	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{9}{32}$		
3031	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{25}{32}$ & $\frac{7}{8}$	$\frac{9}{32}$	12.30	
3033A	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{15}{16}$	$\frac{9}{32}$		
3033	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{31}{32}$	$\frac{9}{32}$	15.15	
3733	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{15}{16}$	$\frac{9}{32}$		
3033C		$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{15}{16}$	$\frac{9}{32}$	17.32	
3034	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{15}{16}$	$\frac{9}{32}$		
3034A	$\frac{9}{16}$ & $\frac{5}{8}$			$\frac{15}{16}$ & $\frac{11}{16}$	$\frac{11}{32}$	17.32	
3035	$\frac{9}{16}$ & $\frac{5}{8}$			$\frac{37}{64}$ & $\frac{11}{16}$	$\frac{11}{32}$		
3735		$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{11}{16}$	$\frac{11}{32}$	17.32	
3037	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{11}{16}$	$\frac{11}{32}$		
3737	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{8}$ & $\frac{11}{16}$	$\frac{7}{8}$ & $\frac{11}{16}$	$\frac{11}{16}$ & $\frac{11}{16}$	$\frac{11}{32}$		

Nos. Z25 and Z26 SETS

Mechanics who demand the best from their tools should by all means have either a No. Z25 or a No. Z26 ZENEL Engineers' Wrench Set.

The No. Z25 Set contains one each of six ZENEL Engineers' Wrenches, as follows: Nos. 3723, 3025, 3027C, 3028S, 3731A, 3033C, all listed in the table above. This set is supplied either in cardboard box or handy leatherette roll.

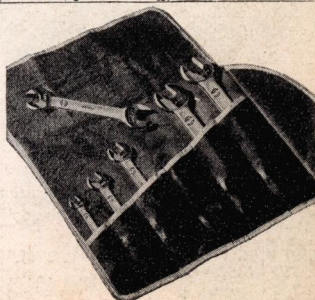
LIST PRICE, in Leatherette Roll.....\$13.60

LIST PRICE, in Cardboard Box.....12.30

The No. Z26 Bonney Wrench Set is very complete, containing one each of eight ZENEL Engineers' Wrenches with the most popular size openings. Wrenches included are Nos. 3723, 3725, 3725B, 3025, 3727, 3729, 3029, 3731A, all listed in the table above.

LIST PRICE, in Leatherette Roll.....\$15.15

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



The Finest that Money Can Buy



ZENEL TAPPET WRENCHES

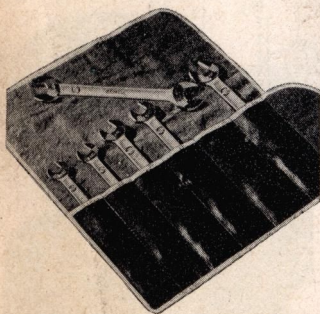


Bonney ZENEL Tappet Wrenches have handles with concave sections, allowing the mechanic to take a firm comfortable grip on the wrench so that accurate adjustment may be easily made. Handles are long, ranging from 8" on wrenches with the smaller size openings to 9½" on those with the larger size openings. All ZENEL Tappet Wrenches have their openings at an angle of 15° and have different size openings at each end.

Bonney ZENEL Tappet Wrenches are perfectly balanced, lighter in weight than ordinary steel wrenches and have thin, pear-shaped heads. They are thoroughly tested, rigidly inspected and have heavy chrome-plated finish with heads buffed to a high, permanent lustre.

Wrench No.	Openings Milled	S. A. E. Standard Screw and Nut	U. S. S. Bolt Size	Extreme Length	Thickness of Head	List Price
3420A 3420 3422	$\frac{3}{16}$ & $\frac{1}{2}$ $\frac{3}{16}$ & $\frac{17}{32}$ $\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$ $\frac{1}{4}$ & $\frac{5}{16}$ $\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{4}$ $\frac{1}{4}$ &	8 8 8	$\frac{5}{32}$ $\frac{5}{32}$ $\frac{5}{32}$	\$1.70
3424B 3424 3424A	$\frac{9}{16}$ & $\frac{5}{8}$ $\frac{5}{8}$ & $\frac{11}{16}$ $\frac{5}{8}$ & $\frac{3}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$ $\frac{7}{16}$ & $\frac{1}{2}$ $\frac{7}{16}$ & $\frac{1}{2}$	..... ..... .....	8½ 8½ 8½	$\frac{3}{16}$ $\frac{5}{16}$ $\frac{3}{16}$	1.95
3425 3426	$\frac{3}{4}$ & $\frac{13}{16}$ $\frac{3}{4}$ & $\frac{7}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$ $\frac{1}{2}$ & $\frac{9}{16}$	..... .....	9 9	$\frac{7}{32}$ $\frac{7}{32}$	2.15
3428	$\frac{15}{16}$ & 1	$\frac{5}{8}$ & $\frac{11}{16}$	.....	9½	$\frac{7}{32}$	2.45

Nos. Z22 and Z23 ZENEL TAPPET WRENCH SETS



Mechanics everywhere have approved these fine ZENEL Tappet Wrench Sets, as is evidenced by their constantly increasing sale. These sets handle tappet adjustments on almost every make of car, and because they are made of ZENEL Steel, will outlast two or three sets of ordinary steel tappet wrenches.

No. Z22 Set contains six wrenches, two each of the following being included: Nos. 3422, 3424, 3426, with openings as listed in the table above.

LIST PRICE, in Leatherette Roll.....\$12.70

LIST PRICE, in Cardboard Box..... 11.60

The No. Z23 Tappet Wrench Set contains two each of four different wrenches. Included are Nos. 3420, 3422, 3424 and 3426, as shown in the table above.

LIST PRICE, in Leatherette Roll.....\$16.50

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy

**BONNEY
TOOLS**

'CV' Chrome-Vanadium ENGINEERS' WRENCHES

Bonney 'CV' Chrome-Vanadium Engineers' Wrenches are thin, long and exceptionally strong. Heads are thin and pear-shaped, with openings placed at 15° angles. Bonney 'CV' Engineers' Wrenches are chrome plated, with heads buffed to a high, permanent lustre.

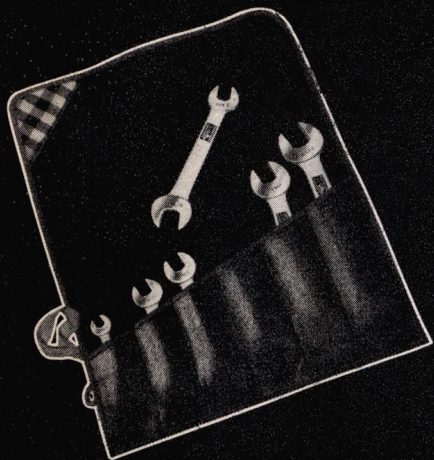
No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ex- treme Length	Thick- ness of Head	List Price
1020	& 1/8	& 1/8	.....	1/4 & 5/16	3	5/32	\$0.65
1721	1/8 & 1/8	1/8 & 3/16	.....	5/16 & 13/32	3 3/8	3/16	
1021	1/8 & 3/16	1/8 & 1/4	.....	5/16 & 1/2	3 3/8	3/16	.75
1722	1/8 & 1/4	1/8 & 1/4	& 1/4	5/16 & 1/2	4 1/8	7/16	
1723	1/8 & 1/4	1/8 & 1/4	& 1/4	5/16 & 1/2	4 1/8	7/16	
1022	1/8 & 1/4	1/8 & 5/16	& 5/16	5/16 & 1/2	4 1/2	7/32	
1023	5/16 & 1/4	5/16 & 5/16	& 5/16	13/32 & 1/2	4 1/2	7/32	.90
1723A	5/16 & 1/4	3/16 & 5/16	& 5/16	3/8 & 1/2	4 1/2	7/32	
1724	3/16 & 5/16	3/16 & 3/8	& 3/8	3/8 & 9/16	5 1/2	15/64	
1024	3/16 & 1/4	1/4 & 5/16	1/4 & 5/16	13/32 & 1/2	5 1/2	15/64	1.10
1725	3/16 & 1/4	1/4 & 5/16	1/4 & 5/16	13/32 & 1/2	5 1/2	15/64	
1725A	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/2 & 9/16	5 1/2	15/64	
1725B	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/2 & 9/16	5 1/2	15/64	
1025	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/2 & 9/16	6 1/2	9/32	
1726	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/2 & 9/16	6 1/2	9/32	
1026	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/2 & 9/16	6 1/2	9/32	1.30
1727	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/2 & 9/16	6 1/2	9/32	
1027A	5/16 & 3/8	5/16 & 3/8	5/16 & 3/8	19/32 & 11/16	6 1/2	9/32	
1027	5/16 & 3/8	5/16 & 3/8	5/16 & 3/8	19/32 & 11/16	6 1/2	9/32	
1027C	5/16 & 3/8	5/16 & 3/8	5/16 & 3/8	19/32 & 11/16	6 1/2	9/32	
1028	5/16 & 3/8	5/16 & 3/8	5/16 & 3/8	19/32 & 11/16	7 1/2	5/16	
1728	5/16 & 3/8	5/16 & 3/8	5/16 & 3/8	19/32 & 11/16	7 1/2	5/16	
1028S	& 1/2	1/2 & 1/2	1/2 & 1/2	11/16 & 25/32	7 1/2	5/16	1.60
1729	& 1/2	1/2 & 1/2	1/2 & 1/2	11/16 & 25/32	7 1/2	5/16	
1029	3/8 & 1/2	3/8 & 1/2	3/8 & 1/2	11/16 & 25/32	7 1/2	5/16	
1730	3/8 & 1/2	3/8 & 1/2	3/8 & 1/2	11/16 & 25/32	7 1/2	5/16	
1030D	3/8 & 1/2	3/8 & 1/2	3/8 & 1/2	11/16 & 25/32	7 1/2	5/16	
1030	3/8 & 1/2	3/8 & 1/2	3/8 & 1/2	11/16 & 25/32	7 1/2	5/16	
1731	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1731A	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1031	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1731B	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1732A	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	2.15
1032	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1732	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1033A	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1033	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1733	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1033C	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	2.90
1034	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1734	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1034A	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	13/16 & 7/8	9	3/8	
1035	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1735	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1036	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1736	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1037	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	4.05
1737	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1037F	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1037E	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1038	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1738	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1739	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1039	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	6.30
1739A	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1739B	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1040	3/4 & 1	3/4 & 1	3/4 & 1	15/16 & 1 1/8	11 1/2	15/16	
1041	3/4 & 1	3/4 & 1	3/4 & 1	15/16 & 1 1/8	11 1/2	15/16	11.40

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



15° ANGLE

The Finest that Money Can Buy



No. 25 ENGINEERS' WRENCH SET

The No. 25 Engineers' Wrench Set was assembled to offer the mechanic and general user, a set of wrenches to take care of all the most popular size nuts and bolts.

The wrenches in the No. 25 Set are made of 'CV' Chrome-Vanadium Steel and are chrome plated. They have different openings in each end. Their thin pear-shaped heads allow them to be used in hard-to-get-at places.

The No. 25 Set contains one each of Nos. 1725, 1025, 1027C, 1028S, 1731A, 1033C. These wrenches are all listed in the table on page 37.

LIST PRICE, in Leatherette Roll.....\$10.90

LIST PRICE in Cardboard Box..... 9.80

'CV' CHROME-VANADIUM SHORT "S" WRENCHES



Bonney Short "S" Wrenches find many useful applications in automotive work. Through the use of 'CV' Chrome Vanadium Steel, they have been made strong and light in weight. They are fully chrome-plated. Heads are at an angle of $22\frac{1}{2}^\circ$ and buffed to a high, permanent finish.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Extreme Length	Thick- ness of Head	List Price
1070	.....	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	4	$\frac{1}{4}$	\$0.80
1071	$\frac{1}{4}$ &	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	5	$\frac{5}{16}$	1.10	
1072	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ &	$\frac{3}{4}$ & $\frac{13}{16}$	6	$\frac{3}{8}$	1.50
1073	$\frac{1}{2}$ &	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{8}$ & 1	7	$\frac{1}{2}$	1.95	

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No. 401 SERIES

'CV' Chrome-Vanadium TAPPET WRENCHES

Bonney 'CV' Chrome-Vanadium Tappet Wrenches of the No. 401 Series are of the proper length and therefore allow the mechanic to work clear of the motor while it is hot. The angle of the heads also allows him to reach around into normally inaccessible places.

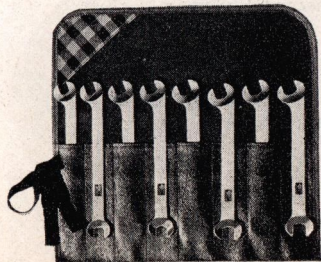
The two openings in these wrenches are of the same size but are placed at different angles to facilitate tappet adjustments. One opening is straight, the other at $22\frac{1}{2}^{\circ}$.

Wrench No.	Openings Milled	S. A. E. Standard Screw & Nut	U. S. S. Bolt Size	Extreme Length	Thickness of Head	List Price
401	$\frac{3}{8}$	8	$\frac{7}{32}$	\$1.00
401A	$\frac{7}{16}$	$\frac{1}{4}$	.....	8	$\frac{7}{32}$
402	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{1}{4}$	8	$\frac{7}{32}$	
402A	$\frac{17}{32}$	.....	.....	8	$\frac{7}{32}$
403	$\frac{9}{16}$	$\frac{3}{8}$	.....	8	$\frac{7}{32}$
403A	$\frac{19}{32}$	$\frac{5}{16}$	8	$\frac{7}{32}$	
404	$\frac{5}{8}$	$\frac{7}{16}$	8	$\frac{3}{16}$	1.10
404A	$\frac{21}{32}$	.....	.....	8	$\frac{3}{16}$
405	$\frac{11}{16}$	.....	$\frac{3}{8}$	8	$\frac{3}{16}$
406	$\frac{3}{4}$	$\frac{1}{2}$	8	$\frac{7}{32}$	1.15
406A	$\frac{29}{32}$	.....	$\frac{7}{16}$	8	$\frac{7}{32}$
407	$\frac{13}{16}$	$\frac{9}{16}$	.....	8	$\frac{7}{32}$
407A	$\frac{7}{8}$	$\frac{5}{8}$	$\frac{1}{2}$	8	$\frac{7}{32}$	
408	$\frac{15}{16}$	$\frac{5}{8}$	8	$\frac{7}{32}$	1.35
408A	$\frac{31}{32}$	.....	$\frac{9}{16}$	8	$\frac{7}{32}$
409	1	$\frac{11}{16}$	.....	8	$\frac{7}{32}$

No. 412 TAPPET WRENCH SET

Eight wrenches, two each of four different sizes, make up the No. 412 Set. They were selected to care for tappet adjustments on the greatest number of cars and trucks. Wrenches included are Nos. 402, 403, 404 and 405, having openings shown in the table above.

The angle of the head, $22\frac{1}{2}^{\circ}$, allows the mechanic to work in normally inaccessible locations. All of the wrenches are forged of 'CV' Chrome-Vanadium Steel, chrome-plated, with the heads buffed to a high, permanent lustre.



The No. 412 Set is available in three different containers.

LIST PRICE, in Leatherette Roll. \$9.50

LIST PRICE, in Metal Box. 9.50

LIST PRICE, in Cardboard Box. . 8.40



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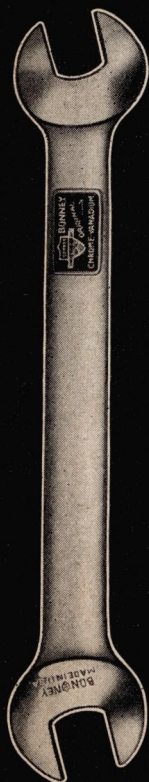
No. 420 SERIES

'CV' Chrome-Vanadium TAPPET WRENCHES

Every wrench in this popular tappet wrench series has a different size opening in each end. All openings are set at an angle of 15°. The wrenches step-up correspondingly in length with the size of the opening. They are of exceptionally long design, have thin, pear-shaped heads and are fully guaranteed when used for tappet adjusting.

The wrenches in the No. 420 series are all forged of 'CV' Chrome-Vanadium Steel, heavily chrome plated, and with polished heads.

Wrench No.	Openings Milled	S. A. E. Standard Screw and Nut	U. S. S. Bolt Size	Extreme Length	Thickness of Head	List Price
420A	$\frac{3}{16}$ & $\frac{1}{2}$	$\frac{1}{4}$ & $\frac{5}{16}$	& $\frac{1}{4}$	8	$\frac{5}{32}$	\$1.00
420	$\frac{3}{16}$ & $\frac{17}{32}$	$\frac{1}{4}$ &	.....	8	$\frac{5}{32}$	1.00
422	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{4}$ &	8	$\frac{5}{32}$	1.00
424B	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	.....	8½	$\frac{3}{16}$	1.10
424	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{7}{16}$ &	& $\frac{3}{8}$	8½	$\frac{3}{16}$	1.10
424A	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{16}$ & $\frac{1}{2}$	.....	8½	$\frac{3}{16}$	1.10
425	$\frac{3}{4}$ & $\frac{13}{16}$	$\frac{1}{2}$ &	.....	9	$\frac{7}{32}$	1.15
426	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	& $\frac{1}{2}$	9	$\frac{7}{32}$	1.15
428	$\frac{15}{16}$ & 1	$\frac{5}{8}$ & $\frac{11}{16}$	.....	9½	$\frac{7}{32}$	1.35



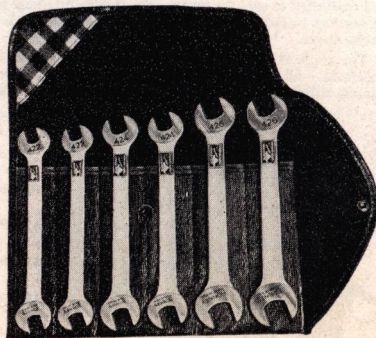
No. 22 TAPPET WRENCH SET

The No. 22 Tappet Wrench Set contains six wrenches which will enable a mechanic to take care of tappet adjustments on practically any make and model of passenger car and truck. It contains two each of the following: Nos. 422, 424 and 426, with openings as shown in the table above.

These wrenches are, of course, drop forged of 'CV' Chrome-Vanadium Steel, and step up correspondingly in length to make tappet adjusting easy. All have openings set at 15°.

LIST PRICE, in Leatherette Roll.....\$7.70

LIST PRICE, in Cardboard Box..... 6.50



ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy

**BONNEY
TOOLS**

'CV' Chrome-Vanadium RIGHT ANGLE WRENCHES

Bonney 'CV' Chrome-Vanadium Right Angle Wrenches are designed for work in close quarters where it is impossible to use wrenches with 15° or 22½° openings. Difficult adjustments of this type are found in work on brakes, manifolds, cylinder heads, etc. The heads of Bonney 'CV' Right Angle Wrenches are pear-shaped and of smaller design than Bonney 'CV' Engineers' Wrenches. The handles are shaped to give a firm, comfortable grip.

Bonney Right-Angle Wrenches are heavily chrome plated, with polished heads. All are rigidly inspected, tested and fully guaranteed.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Extreme Length	Thickness of Head	List Price
2721	1/8 &	1/8 &	5/16 & 3/8	4 1/4	7/32	\$0.75
2021	1/8 & 3/16	1/8 &	.....	5/16 & 13/32	4 1/4	7/32
2722	1/8 &	1/8 & 1/4	.....	5/16 & 7/16	4 1/4	7/32
2723	.....	3/16 & 1/4	.....	3/8 & 7/16	4 1/4	7/32
2022	1/8 & 1/4	1/8 & 5/16	5/16 & 1/2	4 1/2	7/32	.90
2023	3/16 & 1/4	.....	.....	13/32 & 1/2	4 1/2	7/32
2723A	.....	3/16 & 5/16	.....	3/8 & 1/2	4 1/2	7/32
2724	.....	3/16 & 3/8	.....	3/8 & 9/16	5 1/2	15/64
2024	3/16 & 3/16	13/32 & 19/32	5 1/2	15/64	1.10
2725	.....	1/4 & 5/16	.....	7/16 & 1/2	5 1/2	15/64
2725A	.....	1/4 & 3/8	.....	7/16 & 9/16	5 1/2	15/64
2725B	.....	5/16 & 3/8	.....	1/2 & 9/16	5 1/2	15/64
2025	1/4 & 5/16	5/16 &	1/2 & 19/32	5 1/2	15/64	1.30
2726	1/4 &	5/16 & 7/16	.....	1/2 & 5/8	6 1/2	9/32
2026	1/4 & 3/8	5/16 &	.....	1/2 & 11/16	6 1/2	9/32
2727	.....	3/8 & 7/16	.....	9/16 & 5/8	6 1/2	9/32
2027	5/16 & 3/8	19/32 & 11/16	6 1/2	9/32	1.60
2027C	.....	3/8 &	.....	9/16 & 11/16	6 1/2	9/32
2028	5/16 & 7/16	.....	.....	19/32 & 25/32	7 1/2	5/16
2728	.....	3/8 & 1/2	.....	9/16 & 3/4	7 1/2	5/16
2028S	7/16 &	5/8 & 25/32	7 1/2	5/16	2.15
2729	.....	7/16 & 1/2	.....	5/8 & 3/4	7 1/2	5/16
2029	3/8 & 1/16	.....	.....	11/16 & 25/32	7 1/2	5/16
2730	.....	7/16 & 9/16	.....	5/8 & 13/16	7 1/2	5/16
2030	3/8 & 1/2	11/16 & 7/8	7 1/2	5/16	2.15
2731	.....	1/2 & 5/16	.....	3/4 & 15/16	9	3/8
2731A	.....	1/2 & 3/8	.....	3/4 & 7/8	9	3/8
2031	7/16 & 1/2	.....	.....	25/32 & 7/8	9	3/8
2731B	9/16 & 5/8	15/16 & 7/8	9	3/8	2.15
2732	.....	9/16 & 3/4	.....	13/16 &	9	3/8
2032	7/16 & 9/16	.....	.....	25/32 & 31/32	9	3/8
2732A	.....	1/2 & 3/4	.....	3/4 & 1	9	3/8
2033A	5/8 &	7/8 & 15/16	9	3/8	2.15
2033	1/2 & 9/16	.....	.....	7/8 & 31/32	9	3/8

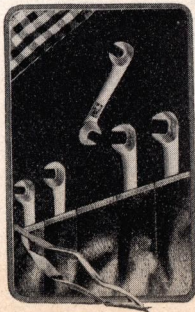
No. 40 RIGHT-ANGLE WRENCH SET

This set, made completely of 'CV' Chrome-Vanadium Steel, chrome plated, contains one each of the following wrenches: Nos. 2723, 2025, 2027C, 2028S, 2731A. There are no duplicate openings and they will fit bolts, cap screws and hexagon nuts as shown in the table above.

LIST PRICE, in Leatherette Roll.....\$7.90

LIST PRICE, in Cardboard Box..... 6.90

ALL PRICES SUBJECT TO
SUBSTANTIAL DISCOUNT



The Finest that Money Can Buy

**BONNEY
TOOLS**

2596

K4 TO K8

K10

K24

K17

199

BONNEY MISCELLANEOUS TOOLS

HANDY HOLDING TOOLS

Bonney Holding Tools are practical and should be in every mechanic's kit. The four fingers, made of spring steel, are forced outwardly and open when pressure is brought on the plunger. When the pressure is released the strong coil spring closes the fingers tightly around the object. It is impossible for the object to lean over and fall out. It is a real screw-holding, gripping, inserting, removing and picking-up tool. Finished in full nickel and made in three sizes with 4", 6" and 8" reach.

Number	Reach	Overall Length	List Price
K4	4"	6 $\frac{3}{4}$ "	\$1.60
K6	6"	8 $\frac{3}{4}$ "	1.70
K8	8"	10 $\frac{3}{4}$ "	1.80

No. 199 SHOP KNIFE

No mechanic's tool kit is complete without a good, sharp knife. The Bonney Shop Knife is strong, light in weight and perfectly balanced. Five razor-keen blades are in the handle, which has a rustproof finish.

This knife is especially suited for trimming upholstery, top material, leather, etc. and for cutting gaskets, shims, kick boards, masking tape, cardboard, etc. When the blade is turned crosswise in the handle it makes a dandy scraper for removing old inspection stickers from the windshield.

LIST PRICE.....\$2.50

LIST PRICE, Extra Package of 5 Blades......85

No. 2596 HUB AND DUST CAP REMOVER

To remove a hub cap, place one end of the pawl lever behind the edge of the hub cap and adjust the ratchet lever to the proper notch. Lift the pawl lever and catch the hub cap with the other hand. The same method should be used when removing a front wheel grease-retaining cap. Eliminates possibility of denting or marring hub caps and other parts as when screw driver is used.

LIST PRICE.....\$1.65

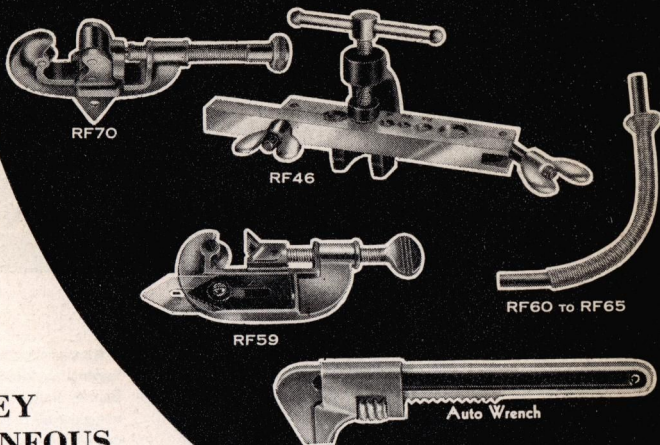
BONNEY SPINNER WRENCHES

For reaching little nuts that can be handled only with exceptionally small sockets, these tools are very useful. Made like a screw driver, with hexagon socket on the end. The inside knurled socket is graduated in size to take care of knurled nuts without distorting them. The wood handle has a black, rubberoid finish. Shank and socket are bright cadmium.

No.	Hex. Op'n'g	Overall Lgth.	List Price	No.	Hex. Op'n'g	Overall Lgth.	List Price
K10	$\frac{3}{16}$ "	9" Str't.	\$0.40	K21	$\frac{3}{8}$ "	6" Str't.	\$0.40
K11	$\frac{1}{4}$ "	9" Str't.	.40	K22	$\frac{1}{2}$ "	6" Str't.	.40
K12	$\frac{5}{16}$ "	9" Str't.	.40	K23	In.Kn'rl	6" Str't.	.40
K13	$\frac{11}{32}$ "	9" Str't.	.40	K24	$\frac{3}{16}$ "	6" Offs't	.40
K14	$\frac{3}{8}$ "	9" Str't.	.40	K25	$\frac{1}{4}$ "	6" Offs't	.40
K15	$\frac{7}{16}$ "	9" Str't.	.40	K26	$\frac{5}{16}$ "	6" Offs't	.40
K16	In.Kn'rl	9" Str't.	.40	K27	$\frac{1}{2}$ "	6" Offs't	.40
K17	$\frac{3}{16}$ "	6" Str't.	.40	K28	$\frac{3}{8}$ "	6" Offs't	.40
K18	$\frac{1}{4}$ "	6" Str't.	.40	K29	$\frac{1}{2}$ "	6" Offs't	.40
K19	$\frac{5}{16}$ "	6" Str't.	.40	K30	In.Kn'rl	6" Offs't	.40
K20	$\frac{11}{32}$ "	6" Str't.	.40				

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BONNEY MISCELLANEOUS TOOLS

BONNEY FLARING TOOL

A small, fast, efficient tool for quickly and accurately flaring copper and other tubing, having $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " and $\frac{5}{8}$ " O. D. Oversize wing nuts securely lock tubing in holes threaded to prevent slipping. The open side flaring yoke attaches instantly to the flaring bars. The flaring head is of the self-centering type, assuring easy, perfect flaring. A fine tool, reasonably priced, for working in close quarters. Net weight $2\frac{1}{4}$ lbs.

No. RF46—LIST PRICE.....\$5.80

No. RF70 TUBE CUTTER

A fine quality, compact, light, strong cutter for brass or copper tubing from $\frac{1}{8}$ " to 1". The razor edge cutting wheel is of alloy steel and give a quick, clean cut. Put the cutter on the tubing, screw the rollers up tight and simply turn the tool around the tubing until the cut is made. No additional adjustment of the screw is needed. A tension spring in the roller housing feeds the cutting wheel into the tubing so smoothly that the cut is made with practically no burr. Net weight 1 lb.

List Price.....\$3.10

No. RF59 TUBE CUTTER

A compact, efficient tube cutter for all tubing from $\frac{1}{8}$ " to 1" O. D. Body is an alloy die casting. Wafer-tapered, hardened cutting blade makes cutting easy and with practically no burr. The slide-lock safety reamer opens instantly and protects the hands when not in use. It may be safely carried in your pocket. Net weight $\frac{1}{2}$ lb.

List Price.....\$2.50

BONNEY TUBE BENDERS (EXTERNAL TYPE)

Bonney Tube Benders are ideal for bending tubing by hand to any desired shape without collapsing the tube. They are made of special oil-hardened spring steel, cadmium plated. The belled end assures ease in removing the tubing after the bend has been made.

No.	For Size Tubing	List Price
RF60	$\frac{1}{4}$ "	\$0.40
RF61	$\frac{5}{16}$ "	.50
RF62	$\frac{3}{8}$ "	.60
RF63	$\frac{7}{8}$ "	.70
RF64	$\frac{1}{2}$ "	.75
RF65	$\frac{5}{8}$ "	.85

BONNEY TUBE BENDER SET

Every serviceman should have a complete set of these tube benders. The set consists of one each of the six sizes shown in the above table.

No. RF66 Set—LIST PRICE.....\$3.50

BONNEY AUTO WRENCHES

A very useful and handy wrench for many purposes. It is drop forged of quality steel, with full polished finish.

Sizes (Length)	List Price
9" Auto Wrench	\$1.30
11" Auto Wrench	1.80

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The Finest that

ROLLER

Complete Workshops
No. "C" Cabinet



No. "C" CABINET

24" long, 12" wide, 27" high

Equipped with center shelf, single door, door lock and silent casters.

Net Weight 40 lbs.

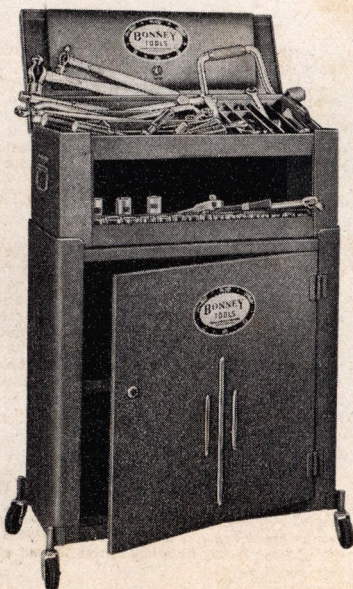
LIST PRICE.....\$28.00

The top of the No. "C" Cabinet is the correct size to hold the No. "BB" Bonney Set shown on page 15, or the No. "MC" Bonney Set shown on page 16.

Illustrated is the No. "MC" Set mounted on No. "C" Roller Cabinet. This combination has a total list price of \$180.00

No. "C" Cabinet with No. "BB" Set has List Price of .. \$164.25

No. "BB" or "MC" Metal Box only. List Price.....\$17.50



No more hunting for lost tools . . . no more lugging tool kits from one job to another . . . Bonney Roller Cabinets keep all your tools in one place all the time . . . and you roll them on the job and off when finished.

Bonney Roller Cabinets are made of heavy gauge sheet metal attractively finished in

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Money Can Buy CABINETS

on Wheels

No. "CC" Cabinet

**BONNEY
TOOLS**

"crackle" tan enamel. They have rounded edges and are mounted on rubber-tired casters for noiseless, easy movement.

Two styles of roller cabinets are available. They can be bought by themselves or with any one of four complete tool sets as mentioned below.



No. "CC" CABINET

28" long, 13" wide, 27" high

Equipped with center shelf, double doors, door lock and silent casters.

Net Weight 50 lbs.

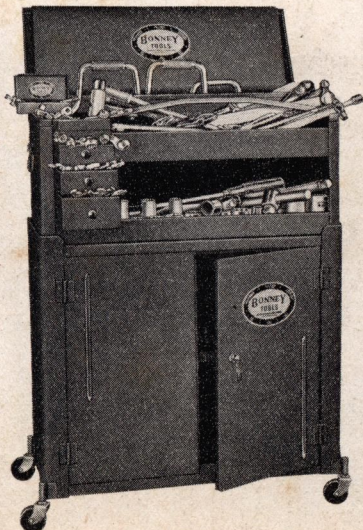
LIST PRICE.....\$32.50

The top of the No. "CC" Cabinet is the correct size to hold the No. "AA" Bonney Set shown on page 17, or the No. "AA1" Bonney Set shown on page 18.

Illustrated is the No. "AA1" Set mounted on No. "CC" Roller Cabinet. This combination has a total list price of\$326.25

No. "CC" Cabinet with No. "AA" Set has List Price of.....\$225.00

No. "AA" or "AA1" Metal Box only. List Price, \$38.00



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ANGLE HEAD SERVICE WRENCHES

These wrenches will be found extremely useful where great leverage is necessary. Handles are long, thin and assure a firm, comfortable grip. They are also used to make tappet adjustments on certain makes of cars.

They are drop-forged of 'CV' Chrome-Vanadium Steel, chrome plated, with polished heads.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Std. Screw and Nut	Opening Mil'd	Ex-treme Lgth.	Thick-ness of Head	List Price
6" L LONG							
Short Hdle.	1401	$\frac{3}{16}$		$\frac{3}{8}$	6	$\frac{7}{32}$	\$1.50
	1401A		$\frac{1}{4}$	$\frac{7}{16}$	6	$\frac{7}{32}$	
	1402	$\frac{1}{4}$		$\frac{1}{2}$	6	$\frac{7}{32}$	
	1402A		$\frac{5}{16}$	$\frac{17}{32}$	6	$\frac{7}{32}$	
	1403		$\frac{3}{8}$	$\frac{9}{16}$	6	$\frac{7}{32}$	
1403A	$\frac{5}{16}$		$\frac{19}{32}$	6	$\frac{7}{32}$		
9" L LONG							
Med. Hdle.	1404A	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	9	$\frac{9}{32}$	1.90
	1404		$\frac{7}{16}$	$\frac{5}{8}$	9	$\frac{9}{32}$	
	1405	$\frac{3}{8}$		$\frac{11}{16}$	9	$\frac{9}{32}$	
	1406		$\frac{1}{2}$	$\frac{3}{4}$	9	$\frac{9}{32}$	
12" L LONG							
Long Hdle.	1501	$\frac{3}{16}$		$\frac{3}{8}$	12	$\frac{7}{32}$	2.30
	1501A		$\frac{1}{4}$	$\frac{7}{16}$	12	$\frac{7}{32}$	
	1502	$\frac{1}{4}$		$\frac{1}{2}$	12	$\frac{7}{32}$	
	1502A		$\frac{5}{16}$	$\frac{17}{32}$	12	$\frac{7}{32}$	
	1503		$\frac{3}{8}$	$\frac{9}{16}$	12	$\frac{7}{32}$	
	1503A	$\frac{5}{16}$		$\frac{19}{32}$	12	$\frac{7}{32}$	
	1504		$\frac{7}{16}$	$\frac{5}{8}$	12	$\frac{9}{32}$	2.55
	1505	$\frac{3}{8}$		$\frac{11}{16}$	12	$\frac{9}{32}$	
	1506		$\frac{1}{2}$	$\frac{3}{4}$	12	$\frac{11}{32}$	
	1506A	$\frac{7}{16}$		$\frac{25}{32}$	12	$\frac{11}{32}$	
	1507		$\frac{9}{16}$	$\frac{13}{16}$	12	$\frac{11}{32}$	2.75
	1507A	$\frac{1}{2}$		$\frac{7}{8}$	12	$\frac{11}{32}$	
	1508			$\frac{5}{8}$	12	$\frac{11}{32}$	2.95
	1508A	$\frac{9}{16}$		$\frac{15}{16}$	12	$\frac{11}{32}$	
	1509		$\frac{3}{4}$	$\frac{11}{16}$	1	$\frac{11}{32}$	
	1509A	$\frac{5}{8}$		$\frac{1}{16}$	12	$\frac{11}{32}$	

SINGLE HEAD SERVICE WRENCHES

Wrench No.	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Std. Screw & Nut	Opening Milled	Ext. Length	Thickness of Head	List Price
1932	$\frac{3}{4}$	$\frac{11}{16}$	1	$12\frac{1}{4}$	$\frac{1}{4}$	\$3.10
1934	$\frac{5}{8}$	.....	$\frac{3}{4}$	$1\frac{1}{16}$	$12\frac{1}{4}$	$\frac{1}{4}$
1936	.....	$\frac{7}{8}$	.....	$1\frac{1}{8}$	$12\frac{1}{4}$	$\frac{1}{4}$
1940	$\frac{3}{4}$	1	$\frac{7}{8}$	$1\frac{1}{4}$	$12\frac{1}{4}$	$\frac{1}{4}$	
1944	.....	$1\frac{1}{8}$	.....	$1\frac{3}{8}$	$12\frac{1}{4}$	$\frac{1}{4}$
1946	$\frac{7}{8}$	1	$1\frac{7}{16}$	$12\frac{1}{4}$	$\frac{9}{16}$	3.60
1948	.....	$1\frac{1}{4}$	.....	$1\frac{1}{2}$	$12\frac{1}{4}$	$\frac{9}{16}$
1952	1	$1\frac{3}{8}$	$1\frac{1}{8}$	$1\frac{5}{8}$	$12\frac{1}{4}$	$\frac{9}{16}$	
1956	$1\frac{1}{2}$	$1\frac{3}{4}$	$12\frac{1}{4}$	$\frac{5}{16}$	3.90
1958	$1\frac{1}{8}$	.....	$1\frac{1}{4}$	$1\frac{13}{16}$	$12\frac{1}{4}$	$\frac{5}{16}$
1960	$1\frac{7}{8}$	$1\frac{7}{8}$	$12\frac{1}{4}$	$\frac{5}{16}$	
1964	$1\frac{1}{4}$	$1\frac{3}{8}$	2	$12\frac{1}{4}$	$\frac{5}{16}$	
1966	$2\frac{1}{16}$	$12\frac{1}{4}$	$\frac{5}{16}$	
1970	$1\frac{3}{8}$	$1\frac{1}{2}$	$2\frac{3}{16}$	$12\frac{1}{4}$	$\frac{5}{16}$	

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WATER PUMP PACKING NUT WRENCHES

Many cars still on the road today require tightening of a water pump packing nut. These wrenches are designed for that purpose. Because water pump packing nuts are usually made of brass and are very thin, they should never be tightened with a drive punch and hammer. Bonney Water Pump Packing Nut Wrenches are drop forged of 'CV' Chrome-Vanadium Steel and are designed especially for this adjustment. Their use for other work or with added leverage is not recommended.



1224 to 1272S
OPENING AT 30°

Wrench No.	Opening Milled	Length	Thickness of Head	List Price	Wrench No.	Opening Milled	Length	Thickness of Head	List Price
1224	$\frac{3}{4}$	7	$\frac{1}{4}$	\$1.80	1246	$1\frac{1}{16}$	$7\frac{3}{4}$	$\frac{9}{32}$	\$2.00
1224A	$1\frac{1}{8}$	7	$\frac{1}{4}$		1248	$1\frac{1}{2}$	$7\frac{3}{4}$	$\frac{9}{32}$	
1226	$1\frac{3}{16}$	7	$\frac{1}{4}$		1250	$1\frac{5}{8}$	$7\frac{3}{4}$	$\frac{9}{32}$	
1228	$1\frac{7}{8}$	7	$\frac{1}{4}$		1252	$1\frac{5}{8}$	$7\frac{3}{4}$	$\frac{9}{32}$	
1230	$1\frac{15}{16}$	7	$\frac{1}{4}$		1256	$1\frac{3}{4}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1232	1	7	$\frac{1}{4}$		1258	$1\frac{13}{16}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1232A	$1\frac{1}{32}$	7	$\frac{1}{4}$		1260	$1\frac{7}{8}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1234	$1\frac{1}{16}$	7	$\frac{1}{4}$		1262	$1\frac{15}{16}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1236	$1\frac{1}{8}$	7	$\frac{1}{4}$		1264	2	$8\frac{1}{2}$	$\frac{5}{16}$	
1236S	$1\frac{5}{16}$	7	$\frac{1}{4}$		1264S	$2\frac{1}{16}$	$8\frac{1}{2}$	$\frac{5}{16}$	2.50
1236X	$1\frac{5}{16}$	7	$\frac{1}{4}$	2.00	1266	$2\frac{1}{16}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1238	$1\frac{3}{4}$	7	$\frac{1}{4}$		1268	$2\frac{1}{8}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1240	$1\frac{1}{4}$	7	$\frac{1}{4}$		1272	$2\frac{1}{4}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1241	$1\frac{9}{16}$	7	$\frac{1}{4}$		1276	$2\frac{3}{8}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1242	$1\frac{5}{8}$	$7\frac{3}{4}$	$\frac{9}{32}$		1272S	$2\frac{1}{2}$	$8\frac{1}{2}$	$\frac{5}{16}$	
1244	$1\frac{3}{8}$	$7\frac{3}{4}$	$\frac{9}{32}$						

WATER PUMP PACKING NUT WRENCH CHART

Make and Model of Car	Wrench No.	Make and Model of Car	Wrench No.
Buick, 40	1238	Nash	1232
Buick, 60, 80, 90	1241	Packard, 8	1242
Chevrolet, Master	1232A	Packard, 12	1246
Chevrolet, Standard	1232A	Studebaker, Dictator	1238
Hupmobile, 6	1232	Studebaker, Commander	1240
Lafayette	1232	Studebaker, President	1240

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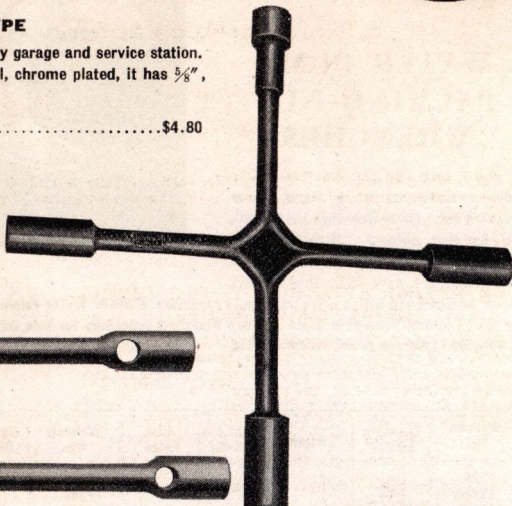
BONNEY RIM WRENCHES



CROSS TYPE

This is a quality tool needed by every garage and service station. Made of 'CV' Chrome-Vanadium Steel, chrome plated, it has $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ " and $\frac{7}{8}$ " openings.

No. 2553—LIST PRICE.....\$4.80



7944



7940

7941



7942

TRUCK RIM WRENCHES

Nos. 7940 and 7941 are for use on Ford AA truck rim nuts. 7944 is for rim nuts on all other makes of trucks. No. 7942 handle and pry bar is 20" long. These tools will be found exceptionally useful by fleet owners, service stations or anyone making truck tire changes.

No.	Openings	List Price
7940	$\frac{13}{16}$ " square & $1\frac{1}{8}$ " hexagon	\$3.00
7941	$\frac{13}{16}$ " square & $1\frac{1}{2}$ " hexagon	3.00
7944	$\frac{7}{8}$ " hexagon & $1\frac{1}{16}$ " hexagon	3.00
7942	Handle and pry bar, 20" long	1.35

BRACE TYPE

These brace type rim wrenches are carefully made in one piece of selected steel. They have hexagon openings.



No.	Opening	List Price
2420	$\frac{5}{8}$ "	\$0.80
2422	$\frac{11}{16}$ "	.80
2424	$\frac{3}{4}$ "	.80
2426	$\frac{13}{16}$ "	.80
2428	$\frac{7}{8}$ "	.80

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MISCELLANEOUS SPECIAL TOOLS

No. 2626 DRAIN PLUG WRENCH FOR 1939 MERCURY



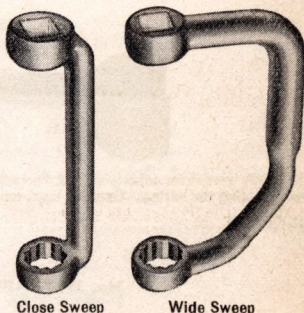
A drop-forged wrench of Bonaloy Steel designed especially for removing and replacing the drain plug on 1939 Mercury and Ford standard and deluxe cars. It is chrome plated, has 2" double hexagon opening. Length overall 10 $\frac{3}{4}$ inches.

LIST PRICE.....\$2.00

BOX WRENCH ATTACHMENTS FOR TORQUE INDICATING WRENCHES

Designed especially for drawing up cylinder head stud nuts on Buick and Chevrolet motors with the No. 56 and 66 Bonney Torque-Indicating Wrenches shown on pages 24 and 25. They are drop forged of Bonaloy Steel with plated finish. They have double hexagon box wrench openings and $\frac{1}{2}$ " square openings for use with all $\frac{1}{2}$ " square drive handles and attachments. They can be used with any torque-indicating or tension wrench.

No.	Double Hex. Opening and Sweep	For Use on	List Price
2613	$\frac{3}{4}$ " close sweep	Chevrolet	\$2.20
2614	$\frac{3}{4}$ " wide sweep	Chevrolet	2.40
2615	$\frac{5}{8}$ " close sweep	Buick	2.30
2616	$\frac{5}{8}$ " wide sweep	Buick	2.50



No. 2881

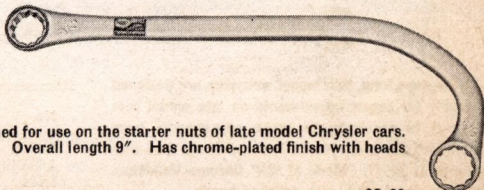
MANIFOLD WRENCH

Designed for manifold and starter work on a large variety of cars. Drop forged of Bonaloy steel, chrome plated. Has $\frac{9}{16}$ " and $\frac{5}{8}$ " double hexagon openings. Length 7 $\frac{3}{4}$ " overall.

LIST PRICE.....\$2.00



No. 2883 STARTER WRENCH FOR CHRYSLER



A special wrench of Bonaloy steel designed for use on the starter nuts of late model Chrysler cars. Has $\frac{9}{16}$ " and $\frac{5}{8}$ " double hexagon openings. Overall length 9". Has chrome-plated finish with heads buffed to a high, permanent lustre.

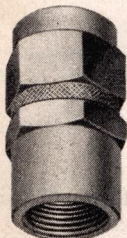
LIST PRICE.....\$2.00

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MISCELLANEOUS SPECIAL TOOLS

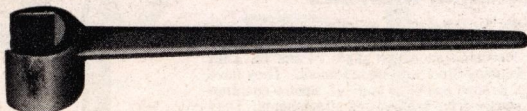


KNOCK OFF WHEEL PULLERS

These Knock-Off Wheel Pullers are inexpensive tools that will be found useful on practically all makes of cars and trucks. They are made of special analysis steel, accurately machined and heat treated, but due to the service to which they are put, they are not guaranteed.

No. and Size	List Price	No. and Size	List Price
$\frac{5}{8}$ —18	\$0.50	$\frac{7}{8}$ —18	.50
$\frac{3}{4}$ —16	.50	1—14	.50
$\frac{3}{4}$ —20	.50	$1\frac{1}{8}$ —12	1.00
$1\frac{1}{16}$ —16	.50	$1\frac{1}{4}$ —12	1.00
$\frac{7}{8}$ —14	.50		

No. 2556 HEADLIGHT WRENCH



A handy wrench for adjusting Ford, Terraplane and Buick head lamps. Slot allows adjustment to be made without disconnecting the wiring. Opening $1\frac{3}{16}$ " , length $8\frac{1}{4}$ ".

LIST PRICE.....\$2.00

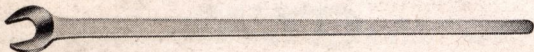
No. 2598 TAPPET WRENCH FOR CHRYSLER



Designed especially for making tappet adjustments on late model Chrysler cars. Has $\frac{3}{8}$ " opening with head at $22\frac{1}{2}^\circ$ angle. The long, thin handle fits comfortably in the hand. Made of 'CV' Chrome-Vanadium Steel, chrome plated, with highly polished head. Overall length, 12".

LIST PRICE.....\$2.30

EXTRA LONG TAPPET WRENCHES



These extra long, thin tappet wrenches are designed especially for tappet adjustments on late model cars where it is necessary to make adjustments from underneath the car. Heads are extremely thin with openings at $22\frac{1}{2}^\circ$. Made of 'CV' Chrome-Vanadium Steel, chrome plated, with polished heads.

No.	Opening	Length	List Price
L402	$\frac{1}{2}$ "	15"	\$1.70
L403	$\frac{9}{16}$ "	15"	1.70
L404	$\frac{5}{8}$ "	15"	1.80

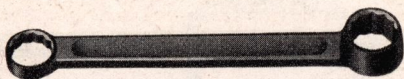
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MISCELLANEOUS SPECIAL TOOLS

No. 2875 BATTERY WRENCH



Needed by every battery service man. This wrench is drop forged of BONALOY Steel and is exceptionally strong. It facilitates removal and tightening of battery terminal nuts. Has $\frac{3}{16}$ " and $\frac{5}{8}$ " double hexagon openings. Length 6".

LIST PRICE.....\$1.20

No. 2552 and 2552A FOR WIRE WHEEL SPOKE NIPPLES



An open end wrench of 'CV' Chrome-Vanadium Steel for adjusting wire wheel spoke nipples. It is correctly proportioned and strongly made. No. 2552 has $\frac{3}{32}$ " openings, the same size in each end. No. 2552A has $\frac{1}{8}$ " opening in each end.

LIST PRICE.....\$2.40

No. 3118A SPECIAL CARBURETOR WRENCH

A TuType Wrench combining an open-end and box wrench in one tool that will be found useful for general carburetor work. It is drop forged of ZENEL Steel, heavily chrome plated and with polished heads. Has $\frac{1}{2}$ " double hexagon opening and $\frac{3}{16}$ " open-end opening. Length $5\frac{1}{8}$ ".

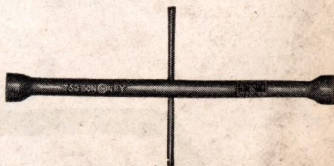
LIST PRICE.....\$1.70



No. T50 ADJUSTING TOOL FOR ZENITH CARBURETOR

A special tool for adjusting Zenith carburetor jets. Has $\frac{3}{32}$ " and $\frac{1}{16}$ " openings.

LIST PRICE.....\$1.50



No. 4568

This is a $\frac{1}{4}$ " set screw wrench to facilitate Chrysler castor adjustment.

LIST PRICE.....\$0.40

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The Finest that Money Can Buy

SPECIAL WRENCHES FOR FORDS

**BONNEY
TOOLS**

Nos. 2857 and D2857 BRAKE WRENCHES



Two special wrenches for work on Ford brakes. They have $\frac{7}{16}$ " and $\frac{1}{2}$ " openings. No. 2857 has square openings. No. D2857 has double square openings.

LIST PRICE, either wrench.....\$2.15

Nos. D21 and 4021 SOCKETS



These two sockets are used for adjusting Ford "A" and "AA" connecting rod bearing cap nuts. They are made of 'CV' Chrome-Vanadium Steel, chrome plated and polished, and are for $\frac{1}{2}$ " square drive handles and attachments. No. D21 has $\frac{21}{32}$ " double hexagon opening. No. 4021 has $\frac{21}{32}$ " single hexagon opening.

LIST PRICE, either socket.....\$0.90

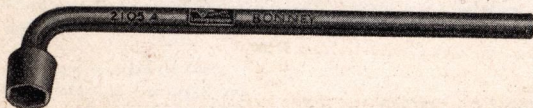
No. F18 SOCKET

A special socket of 'CV' Chrome-Vanadium Steel, chrome plated and polished, for adjusting Ford V8 connecting rod bearing cap nuts. Made with thin, tapered nose. Has $\frac{9}{16}$ " hexagon opening and is for use with $\frac{1}{2}$ " square drive handles and attachments.

LIST PRICE.....\$1.30



No. 2105A



For making adjustments on Ford model "A" connecting rods. Forged of 'CV' Chrome-Vanadium steel, chrome plated. Has $\frac{21}{32}$ " hexagon opening. Overall length 10".

LIST PRICE.....\$1.70

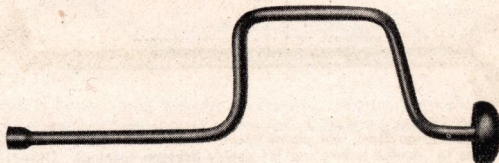
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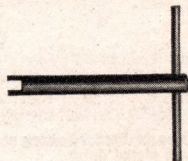
No. 2416 OIL PAN WRENCH



Used in removing and replacing oil pans on models "A", "V8" and "B4" Ford cars. Has $\frac{1}{2}$ " hexagon opening, 17" long overall. A very handy speeder for this job.

LIST PRICE.....\$1.20

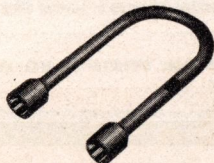
No. 2586 CARBURETOR WRENCH



A special tool for making precision adjustments on Ford V8 carburetor jets. Made of 'CV' Chrome-Vanadium Steel, with plated finish.

LIST PRICE.....\$1.00

No. 2588 MAIN BEARING WRENCH



A handy tool for speeding up the adjustment of main bearing caps on Ford V8 cars. It holds the bearing bolts while the cap nuts are tightened or adjusted. The openings are $\frac{9}{16}$ " double square. No. 2587 shown on page 54 is the ideal companion wrench for this one.

LIST PRICE.....\$3.00

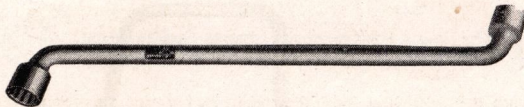
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SPECIAL WRENCHES FOR FORDS



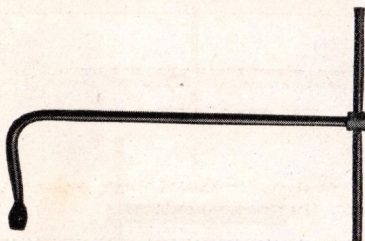
No. 2587 MAIN BEARING WRENCH



Made of 'CV' Chrome-Vanadium Steel, with plated finish. Specially designed for speeding up work on main bearing adjustments. Has $\frac{3}{16}$ " double square and $\frac{3}{4}$ " double hexagon openings. Overall length 16".

LIST PRICE.....\$2.70

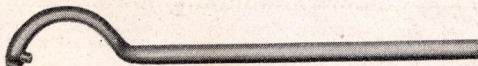
No. 2882 SHOCK ABSORBER WRENCH



For use in removing and replacing filler plug on Ford V8 shock absorbers. Has $\frac{1}{16}$ " double square opening. Forged of 'CV' Chrome-Vanadium Steel, with plated finish.

LIST PRICE.....\$2.70

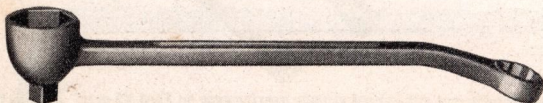
No. 2593 SPANNER



Specially designed for disconnecting and connecting gasoline filler tube on late model V8 Ford cars in order to remove or replace gas tank or left rear fender. Forged of special alloy steel with plated finish.

LIST PRICE.....\$2.00

No. 2575 OIL DRAIN PLUG WRENCH



Designed especially for removing and replacing drain and filler plugs on Ford cars. Has $\frac{15}{16}$ " hexagon socket for use on crank case drain plug, $\frac{1}{16}$ " square male plug for use on differential drain and filler plugs, $\frac{9}{16}$ " double square opening for use on transmission filler and drain plugs. Overall length 10 $\frac{1}{4}$ ".

LIST PRICE.....\$2.70

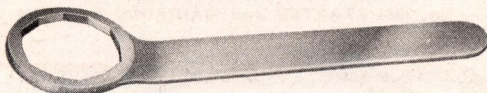
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SPECIAL WRENCHES FOR FORDS

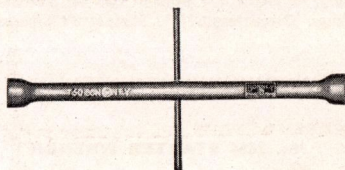
No. 2626 OIL DRAIN PLUG WRENCH FOR '39



A drop-forged wrench of Bonaloy Steel designed especially for removing and replacing the oil drain plug on 1939 standard and deluxe Ford and Mercury cars. It is chrome plated and has 2" double hexagon opening. Length overall 10 $\frac{3}{4}$ inches.

LIST PRICE.....\$2.00

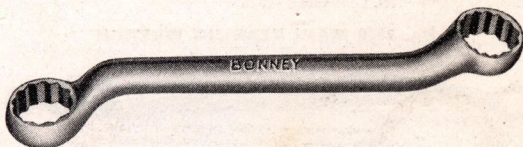
No. T50 CARBURETOR WRENCH



Specially designed for adjusting carburetor jets on model "A" Fords. Forged of 'CV' Chrome-Vanadium Steel with plated finish. Length overall 5". Has $\frac{9}{32}$ " and $\frac{5}{16}$ " openings.

LIST PRICE.....\$1.50

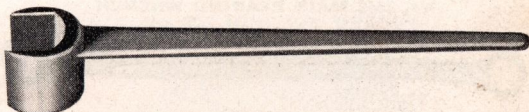
No. 2804A CARBURETOR WRENCH



A box wrench specially designed for choke rod nut adjustments on models "A" and "AA" Ford carburetors. Has $\frac{13}{32}$ " and $\frac{7}{16}$ " double hexagon openings. Overall length 5 $\frac{1}{8}$ ". Forged of BONALOY Steel, heavily chrome plated.

LIST PRICE.....\$1.15

No. 2556 HEADLIGHT WRENCH



A convenient tool for adjusting Ford V8 headlamps. The slot allows the adjustment to be made without disconnecting the wiring. Has $\frac{13}{16}$ " opening, overall length 8 $\frac{1}{4}$ ".

LIST PRICE.....\$2.00

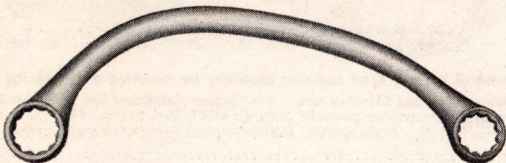
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SPECIAL WRENCHES FOR CHEVROLETS



No. 2881 STARTER and MANIFOLD WRENCH



A tool that is exceptionally handy for starter and manifold work on Chevrolet and other makes of cars. Has $\frac{9}{16}$ " and $\frac{5}{8}$ " double hexagon openings. Overall length $7\frac{3}{4}$ ". Made of 'CV' Chrome-Vanadium Steel, chrome plated, with polished heads.

LIST PRICE.....\$2.00

No. 2884 STARTER WRENCH

Identically the same design as the No. 2881 wrench shown above, but has $\frac{9}{16}$ " and $\frac{3}{4}$ " double hexagon openings for simplifying adjustments on 1937 and 1938 Chevrolet starters. Drop forged of 'CV' Chrome-Vanadium Steel chrome plated, with polished heads. Length $7\frac{3}{4}$ ".

LIST PRICE.....\$2.00

No. 2840 MAIN BEARING WRENCH



Used for adjusting main bearings on Chevrolet "6". Has $\frac{5}{8}$ " and $\frac{3}{4}$ " double hexagon openings. Overall length $13\frac{1}{2}$ ". Drop forged of 'CV' Chrome-Vanadium Steel, with plated finish.

LIST PRICE.....\$3.75

No. 2540 MAIN BEARING WRENCH



Simplifies the adjustment of main bearings on the Chevrolet "4". Overall length 13". Has $1\frac{1}{16}$ " and $\frac{7}{8}$ " double hexagon openings. Drop forged of 'CV' Chrome-Vanadium Steel, chrome plated, with polished heads.

LIST PRICE.....\$3.75

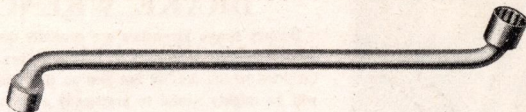
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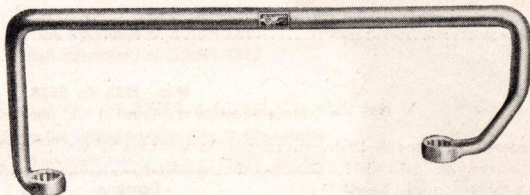
SPECIAL WRENCHES FOR CHEVROLETS

No. 2592 MAIN BEARING WRENCH



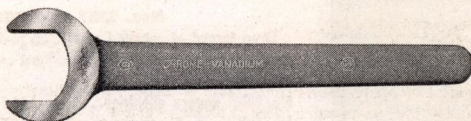
Specially designed for adjustments on main bearings of Chevrolet cars. Has $\frac{11}{16}$ " and $\frac{3}{4}$ " double hexagon openings. Overall length 16". Made of 'CV' Chrome-Vanadium Steel, chrome plated, with polished heads.
LIST PRICE.....\$2.70

No. 2597 CYLINDER HEAD WRENCH



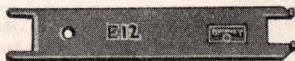
Designed especially for cylinder head stud nuts on late model Chevrolets. Has $\frac{3}{4}$ " double hexagon opening in each end. Made of 'CV' Chrome-Vanadium Steel, chrome plated, with polished heads. Overall length $16\frac{3}{8}$ ".
LIST PRICE.....\$4.35

No. 1950 FOR '39 STEERING WORM ADJUSTMENT



Drop-forged of 'CV' Chrome-Vanadium Steel and designed especially for the steering worm adjustment on the 1939 Chevrolet. Full chrome plated, with polished head. Has $\frac{3}{16}$ " opening and is $12\frac{1}{2}$ " long.
LIST PRICE.....\$3.10

No. E12 IGNITION WRENCH



This ignition wrench is especially designed for adjustments to Electrolock cable nuts on Delco-Remy (Chevrolet) electrical systems. Made of 'CV' Chrome-Vanadium Steel, chrome plated.
LIST PRICE.....\$0.70

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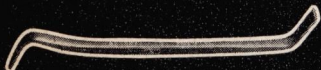
No. 48 BRAKE SET



2526 TO 2538



2857 AND D2857



2566 AND 2566A



2589

BRAKE WRENCHES

Bonney Brake Wrenches are specially designed for making adjustments on practically all makes of cars. Those wrenches included in the No. 48 Set and on this and pages 59 and 60 will be mighty useful to practically every mechanic, and especially the brake specialist.

No. 48 BRAKE SET

The 5 tools in this compact set will take care of brake adjustments on practically all makes of cars and trucks. Makes an ideal set for the brake specialist. Contains one each Nos. 2566, 2566A, D2857, 2561 and 2583.

LIST PRICE, in Cardboard Box.....\$9.45

LIST PRICE, in Leatherette Roll.....10.35

Nos. 2526 to 2538

These wrenches are forged of 'CV' Chrome-Vanadium Steel, chrome plated, with polished heads. All are $6\frac{1}{4}$ " long and heads are $\frac{7}{32}$ " thick.

No.	Openings		List Price
	22 $\frac{1}{2}$ " end	60° end	
2537	$\frac{1}{2}$ "	$\frac{9}{16}$ "	\$1.90 each
2538	$\frac{9}{16}$ "	$\frac{1}{2}$ "	
2526	$\frac{5}{8}$ "	$\frac{5}{8}$ "	
2526A	$\frac{9}{16}$ "	$\frac{9}{16}$ "	
2526B	$1\frac{1}{16}$ "	$1\frac{1}{16}$ "	

Nos. 2857 and D2857

Drop forged of selected steel with plated finish. Especially designed for adjusting brakes on Ford cars. Has $\frac{7}{16}$ " and $\frac{1}{2}$ " openings.

No. 2857, square openings..... LIST PRICE.....\$2.15

No. D2857, double square openings, LIST PRICE..... 2.15

Nos. 2566 and 2566A

Specially designed bendix brake tools for adjustments on Bendix brakes on Hudson and Essex cars. No. 2566A is for the 1933 Essex Terraplane 6 and 8.

LIST PRICE.....\$0.95

No. 2589

Very useful in making brake and steering gear adjustments on several models of cars. Blade is $\frac{5}{64}$ " thick, $\frac{1}{4}$ " wide. Length overall 7".

LIST PRICE.....\$1.35

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



BRAKE WRENCHES

No. 2582

For adjusting anchor pins on 1935 and 1936 Pontiacs. Forged of selected steel with plated finish. Length 9" overall. Blades $\frac{1}{2}$ " wide, $\frac{3}{64}$ " thick

LIST PRICE.....\$1.00

No. 2581

This tool is specially adapted to adjustments on Steel-draulic brakes. Overall length 5 $\frac{1}{2}$ ".

LIST PRICE.....\$2.80

Nos. 2539 and 2539A

Forged of 'CV' Chrome-Vanadium Steel, chrome plated, with polished heads. Specially designed for Bendix Brake adjustments.

No. 2539 has $\frac{1}{4}$ " and $\frac{1}{2}$ " openings in the small end and $\frac{3}{4}$ " opening in the large end.

No. 2539A has $\frac{3}{16}$ " and $\frac{1}{2}$ " openings in the small end and $\frac{3}{16}$ " opening in the large end.

LIST PRICE, either wrench.....\$2.40

No. 1721BR

Specially designed for Bendix brake eccentric adjustment. Has $\frac{1}{4}$ " and $\frac{3}{16}$ " opening on one end and $\frac{5}{16}$ " opening in other end. Overall length 4 $\frac{1}{8}$ ".

LIST PRICE.....\$0.65

No. 2583 BRAKE SPRING PLIER

A fine tool of 'CV' Chrome-Vanadium Steel, chrome plated. Designed to remove and replace internal brake springs on all cars except Fords.

LIST PRICE.....\$3.00

ALL PRICES SUBJECT TO SUBSTANTIAL
DISCOUNT



2582



2581



2539 AND 2539A



1721BR



2583

The Finest that Money Can Buy



BRAKE WRENCHES



2862

No. 2862

Used to adjust anchor bolts on Bendix brakes. Is specially adapted for hydraulic brake adjustments on 1936 Buick. Has $\frac{15}{16}$ " and $1\frac{1}{16}$ " double hexagon openings. Overall length $15\frac{5}{8}$ ".

LIST PRICE.....\$4.40



4564

No. 4564

Designed for adjusting brake anchor pins on Oldsmobile, Pontiac and Buick model 40. Box end used on rear brakes, open end on front brakes. Both ends have $\frac{15}{16}$ " openings. Length $15\frac{1}{2}$ ".

LIST PRICE.....\$4.70



2561

No. 2561

Specially designed for Bendix brake eccentric adjustment. Has $\frac{3}{16}$ " and $\frac{1}{4}$ " openings.

LIST PRICE.....\$2.40



2599

No. 2599

Designed especially for adjustment of Bendix and other makes of hydraulic brakes. The curved blade is for "star wheel" brake adjustment while the open end is for adjusting the eccentric nut on all Bendix two-shoe brakes. Made of 'CV' Chrome-Vanadium Steel with plated finish. Has $\frac{3}{16}$ " opening and $\frac{3}{8}$ " blade.

LIST PRICE.....\$2.00

LONG ENGINEERS' WRENCHES

No. 1731AL, for brake adjustments, spring clips, etc., length 15", thickness $\frac{3}{8}$ ". Has $\frac{3}{4}$ " and $\frac{7}{8}$ " openings.

LIST PRICE.....\$3.55

No. 1735L, length 16", thickness $\frac{17}{32}$ ". Has 1" and $1\frac{1}{8}$ " openings.

LIST PRICE.....\$4.00



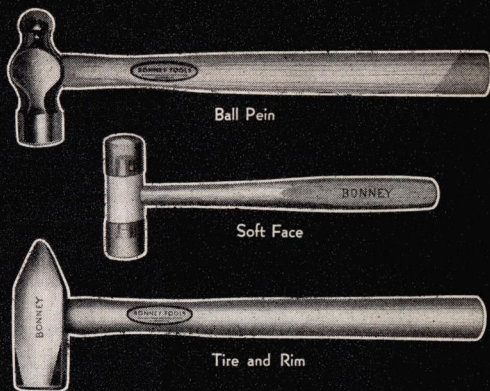
Long Engineers' Wrenches

No. 1034AL, length 16", thickness $\frac{17}{32}$ ". Has $\frac{15}{16}$ " and $1\frac{1}{16}$ " openings.

LIST PRICE.....\$4.00

ALL PRICES SUBJECT TO SUBSTANTIAL
DISCOUNT

The Finest that Money Can Buy



Ball Pein

Soft Face

Tire and Rim

BONNEY HAMMERS

BALL PEIN HAMMERS

The octagon shaped heads of Bonney Ball Pein Hammers are drop-forged from special hammer steel, while the handles are made of fine, straight-grained hickory. The handles are dipped to toughen the eye end and are forced into the head and securely locked in position by two steel wedges.

No.	Weight	Length	List Price
PH1	2 oz.	10"	\$1.70
*PH2	3½ oz.	11"	1.70
PH5	½ lb.	13"	1.70
PH6	¾ lb.	14"	1.70
PH7	1 lb.	14½"	1.75
PH9	1½ lb.	16"	2.00
PH10	2 lb.	16"	2.35
PH13	3 lb.	16"	3.10

* Known as a gasket hammer.

SOFT FACE HAMMERS

Bonney Soft Face Hammers are useful for fitting piston pins and similar jobs, and for body and fender work. The tips are of a tough, amber-colored composition material that will not mar a finely finished surface. New tip may be attached by turning the old tip loose with a pipe wrench and pressing on the new tip. The hammer is properly balanced and the hickory handle is securely locked in the head.

Number	Weight	List Price
PH17	1½ oz.	\$1.75
PH15	½ lb.	2.85
PH20	1 lb.	3.35
Extra Tip for PH17, List Price, each		\$.50
Extra Tip for PH15 and PH20, List Price, each		.80

TIRE and RIM HAMMER

No. PH19—Drop-forged from a high grade hammer steel and carefully heat-treated, this tire and rim hammer will be found to answer every requirement for this type tool. The head has polished finish. The handle is of the finest, straight grained, young hickory, securely fastened in the head. Weight 3 lbs. Length overall, 16 inches.

LIST PRICE.....\$2.70

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy

BONNEY SCREW DRIVERS



Bonney Screw Drivers are made with solid, forged, one-piece blades. The blades are made with an upset shoulder against which the handles are forced (except the electrician's pattern). Blades are heat-treated, ground and polished. They are firmly anchored in the handle to prevent turning or loosening. Tips are accurately taper ground to insure a non-slip fit in screw slots. The screw drivers shown below and on page 63 have exceedingly tough handles that are of transparent composition that is a non-conductor of electricity. Handles are fluted and provide a firm, comfortable grip. Bonney Screw Drivers are not only the most durable and practical ever offered the mechanic, but are finished in keeping with the high quality of all Bonney Tools.

ROUND SHANK

Solid forged one-piece blades. Blades are forced into handles against the upset shoulder to insure an absolutely tight fit. The blades are heat-treated throughout their entire length. Handles are transparent composition and are non-conductors of electricity.

No.	Size	Width of Tip	List Price
04	4"	$\frac{1}{4}"$	\$1.25
06	6"	$\frac{5}{16}"$	1.70
08	8"	$\frac{3}{8}"$	2.10
012	12"	$\frac{1}{2}"$	2.50

SQUARE SHANK

Blades are forged in one piece and heat-treated throughout. They are firmly anchored in handle. Handle is non-conductor of electricity. The tip is not merely an extension of two of the square shank surfaces, but is forged and taper ground.

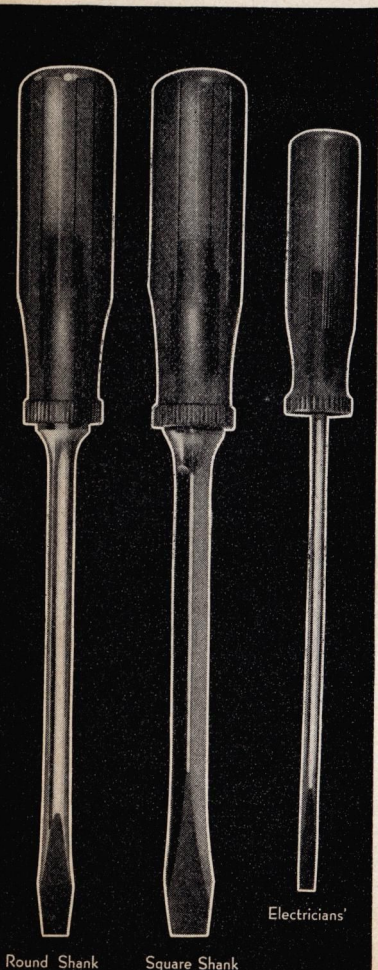
No.	Size	Width of Tip	List Price
S04	4"	$\frac{5}{16}"$	\$1.35
S06	6"	$\frac{7}{16}"$	1.85
S08	8"	$\frac{1}{2}"$	2.25
S012	12"	$\frac{1}{2}"$	2.75

ELECTRICIANS'

This line of Electricians' Screw Drivers finds many uses in electrical work. They are of the same high quality and finish as the drivers described above. Made in three sizes.

No.	Size	Width of Tip	List Price
003	3"	$\frac{3}{16}"$	\$1.00
006	6"	$\frac{3}{16}"$	1.25
0010	10"	$\frac{3}{16}"$	1.45

ALL PRICES SUBJECT TO SUBSTANTIAL
DISCOUNT



The Finest that Money Can Buy



BONNEY SCREW DRIVERS

No. EO2

Has Neon Tube in the handle for testing spark plugs; a tough composition handle that is a non-conductor of electricity. A wire guard that slips down over the tip and protects the pocket; a magnetized tip; and a strong pocket clip. The blade is made of alloy steel and is firmly anchored in the handle. Length of blade, $2\frac{1}{4}$ ". Width of tip, $\frac{1}{8}$ ".

LIST PRICE.....\$0.85

No. EO3

A most useful tool for automotive and electrical work. Built to stand hard use. Has Neon Tube in handle.

When testing spark plugs, a brilliant orange flash shows plug is O. K. Completely shorted plugs produce no flash. A stringy flash shows plug is partly fouled. Size 3". Width of tip $\frac{3}{16}$ ".

LIST PRICE.....\$1.25

LIST PRICE, Extra Neon Tube, each......40

ADJUSTING

A strong, sturdy adjusting screw driver. The handle is designed to fit comfortably in the hand and to provide a strong grip. Transparent handle is non-conductor of electricity.

Number	Size	Width of Tip	List Price
S01	$1\frac{3}{4}$ "	$\frac{1}{4}$ "	\$0.85
S02	1"	$\frac{3}{4}$ "	.75

POCKET SIZE

A very handy screw driver for the mechanic. Clip for holding driver in pocket supplied with each driver. Blade heat-treated and handle non-conducting composition.

Number	Size	Width of Tip	List Price
001	2"	$\frac{1}{8}$ "	\$0.42

No. OF5 FLASHLIGHT SCREW DRIVER

A very useful tool for any mechanic who must make adjustments in dark places. The handle is of transparent, amber-colored, non-conducting composition containing two standard flashlight batteries and bulb. Blade is $\frac{3}{16}$ " in diameter with $\frac{3}{16}$ " machine-ground tip, magnetized. It is made of fine quality screw driver steel, tempered overall and securely anchored in the handle.

LIST PRICE, with Batteries and Bulb.....\$1.70

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



EO3



EO2



OF5



Adjusting



Pocket Size

The Finest that Money Can Buy

BONNEY WOOD HANDLE SCREW DRIVERS



This line of quality wood handle Screw Drivers will stand up under severe use. The blades are drop-forged from selected alloy steel and are carefully heat-treated.

Bolsters firmly anchor the blades to the handles and the tips are accurately ground. The hardwood handles are fluted to provide a firm, comfortable grip.

Number	Size Blade	Width of Tip	List Price
W03	3"	$\frac{7}{16}$ "	\$0.70
W04	4"	$\frac{1}{4}$ "	.75
W06	6"	$\frac{3}{16}$ "	.95
W08	8"	$\frac{3}{8}$ "	1.25
W010	10"	$\frac{1}{2}$ "	1.45

No. W05 SCREW DRIVER SET



This assortment contains one each numbers W03, W04, W06, W08 and W010. It offers a remarkably complete set which meets practically every screw driver need. All of them are made to withstand long, severe use. Balance which distinguishes all fine tools is built into every Bonney Screw Driver.

LIST PRICE.....\$5.10

No. W015 TAPPET ADJUSTING SCREW DRIVER

Specially designed for tappet adjusting jobs on overhead valve motors, (Chevrolet, Buick, etc.). Designed with tips to prevent slipping out of slot. To be used with an open-end wrench for tappet adjusting. Length $6\frac{1}{2}$ " overall.

No. W015 is of identical quality with the wood handle screw drivers described above.

LIST PRICE.....\$1.20

ALL PRICES SUBJECT TO SUBSTANTIAL
DISCOUNT



W03 TO W010



W015

The Finest that Money Can Buy



BONNEY SCREW DRIVERS FOR PHILLIPS SCREWS

WOOD HANDLE

These screw drivers are made with the same care and precision as the regular type wood handle screw drivers. Available in four sizes to cover the entire range of screws as shown in the table.

No.	Blade		Fits Phillips Screws	List Price
	Length	Diameter		
WP1	3"	$\frac{9}{64}$ "	No. 4 and smaller	\$0.70
WP2	4"	$\frac{1}{4}$ "	No. 5 to No. 9 inc.	.70
WP3	6"	$\frac{5}{16}$ "	No. 10 to No. 16 inc.	.85
WP4	8"	$\frac{3}{8}$ "	No. 18 and larger	1.20

No. WP SCREW DRIVER SET

This set contains one each Nos. WP1, WP2, WP3 and WP4 packed in cardboard box. The screw drivers included will take care of all sizes of Phillips screws.

LIST PRICE.....\$3.45

COMPOSITION HANDLE

These fine quality screw drivers to fit Phillips screws have transparent, amber-colored handles of non-conducting composition. Blades are securely fastened in the handles to prevent turning. The four sizes shown will take care of all sizes of Phillips Screws. The shank on No. CP4 is hexagon for more than half its length to allow the use of a wrench to gain added leverage.

No.	Blade		Fits Phillips Screws	List Price
	Length	Diameter		
CP1	3"	$\frac{9}{64}$ "	No. 4 and smaller	\$1.50
CP2	4"	$\frac{1}{4}$ "	No. 5 to No. 9 inc.	1.70
CP3	6"	$\frac{5}{16}$ "	No. 10 to No. 16 inc.	2.10
CP4	8"	$\frac{3}{8}$ "	No. 18 and larger	3.00

No. CP SCREW DRIVER SET

This set contains one each of Nos. CP1, CP2, CP3 and CP4 Screw Drivers for Phillips screws, shown above. This set will take care of all sizes of Phillips screws.

LIST PRICE, in Cardboard Box.....\$8.30

No. T33 BLADE

Made of 'CV' Chrome-Vanadium Steel, chrome plated and polished. This blade is for use with $\frac{3}{8}$ " square drive handles and attachments. It is $\frac{3}{8}$ " in diameter, $8\frac{3}{4}$ " long and will fit No. 18 and larger Phillips screws.

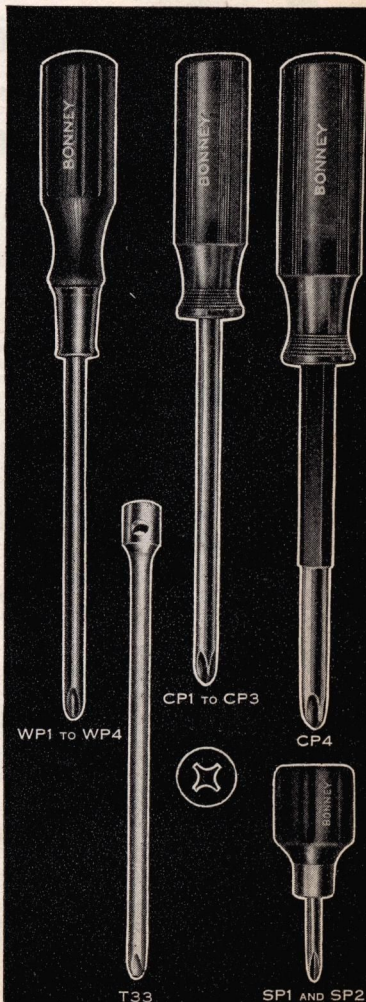
LIST PRICE.....\$1.90

SHORT SCREW DRIVERS

Short Screw Drivers for Phillips screws are of identical quality with those described above. They have wood handles and are used in close quarters where regular length screw drivers will not fit. Made in two sizes only.

No.	Blade		Fits Phillips Screw	List Price
	Length	Diameter		
SP1	1"	$\frac{9}{64}$ "	No. 4 and smaller	\$0.60
SP2	$1\frac{3}{8}$ "	$\frac{1}{4}$ "	No. 5 to No. 9 Inc.	.70

ALL PRICES SUBJECT TO SUBSTANTIAL
DISCOUNT

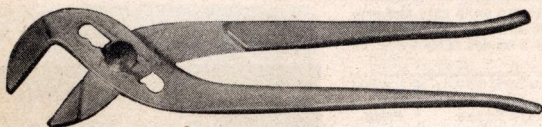


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BONNEY PLIERS

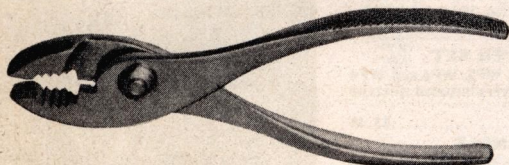
No. 2570 ADJUSTABLE PLIER



A very convenient plier to have around the shop. Made in the 7-notch slip joint style providing a range from 0 to 2 inches. Length 9 $\frac{1}{2}$ ". Weight 8 oz. Has plated finish.

LIST PRICE.....\$2.20

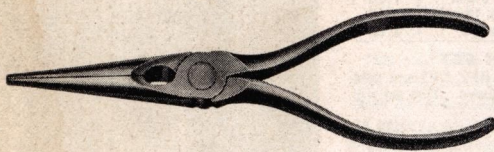
COMBINATION PLIERS



This series of combination pliers satisfies the demand for a line of pliers for general all-purpose work. Accurately made of special steel to give unusually long life, they are full-finished with knurled handles. Have polished, nickel plated finish. Great care has been taken in their design to give that perfect balance which promotes speedy work. No. B15 has the added feature of side-cutting jaws.

No.	Description	List Price
B5	Combination Plier 5"	\$0.85
B6	Combination Plier 6"	.90
B8	Combination Plier 8"	1.20
B10	Combination Plier 10"	1.60
B15	Combination Plier (Side Cutting) 6"	1.20

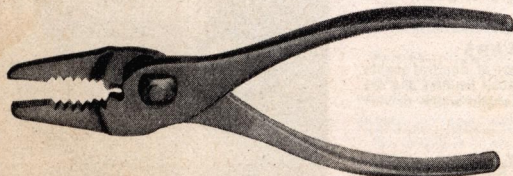
No. B25 LONG NOSE SIDE CUTTING PLIER



A fine, long, spring-tempered nose, side-cutting plier, drop-forged from alloy steel and carefully heat-treated. Reaches into tight places inaccessible with any other plier. The keen edged cutter will cut practically any wire found in automotive work except the heavier ignition and battery cables. Individually tested for strength and cutting ability. Polished nose and blued handles. Length 6".

List Price.....\$3.10

THIN NOSE COMBINATION PLIERS



This type of plier is the thin nose design which has many different uses. It is especially valuable for work in cramped spaces. Made of highest grade alloy steel. Completely polished and plated, with knurled handle.

No.	Description	List Price
B11	Combination Plier (Thin Nose) 5"	\$0.85
B12	Combination Plier (Thin Nose) 6"	.90

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

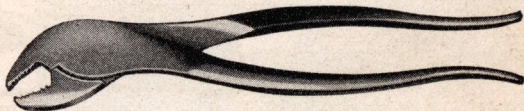
The Finest that Money Can Buy



BONNEY PLIERS

No. B20 BATTERY PLIER

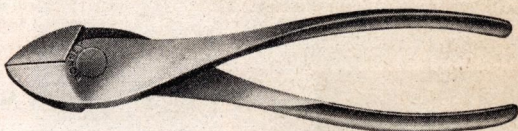
Drop forged of special alloy steel. Is of special design for adjusting battery terminal nuts. Head set at 30° and nose tapered. Length 8". Plated finish.



LIST PRICE.....\$1.85

No. B18 HEAVY DUTY DIAGONAL CUTTING PLIER

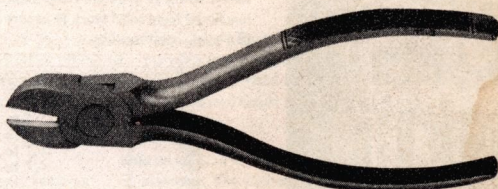
Drop-forged from a high grade, special analysis steel, this plier is heat-treated throughout its entire length. The long cutting edges are carefully ground and made to withstand the hardest service. Finished with polished head and blued handles. Overall length 7 inches.



LIST PRICE.....\$3.00

No. B17 DIAGONAL CUTTING PLIER

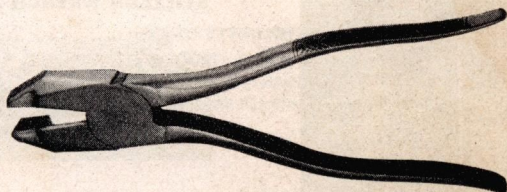
This plier is drop-forged from special analysis steel. The cutting edges are built to give long, hard service. Full polished finish with knurled handles. Overall length 6 inches



LIST PRICE.....\$1.85

LINEMAN'S CUTTING PLIERS

Made from alloy steel, light in weight and of great strength. The handles fit the hand perfectly and are knurled. The cutting qualities are unsurpassed. Full polished finish.



No.	Description	List Price
B22	Linemen's Plier 6"	\$1.90
B23	Linemen's Plier 8"	2.60

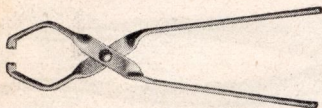
ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



BONNEY PLIERS

No. B24 HEADLIGHT BULB PLIER



A pair of pliers needed by every mechanic and service station attendant for removing broken headlight bulbs. Drop-forged of special steel with jaws shaped to fit around base of bulb and notched to insure a secure grip. Plated finish. Length overall 8 $\frac{1}{4}$ inches.

LIST PRICE.....\$1.00

No. B21 LOCK RING PLIER

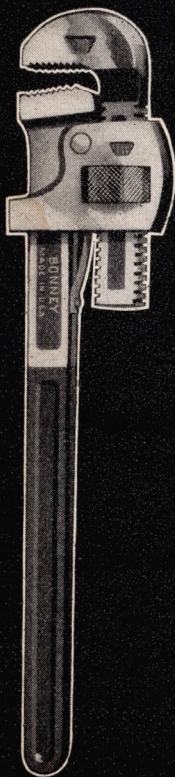


Designed especially to spread the snap lock-rings and horseshoe type of brake keys in order to remove them from brakes, transmissions, differentials, pedal, clutch and fan pulley shafts when removing them from the assembly. Drop-forged of chrome-alloy steel, Chrome-plated with high permanent lustre. Outside of jaws are toothed to prevent any possibility of slipping. Plier will spread any lock ring washer up to 1 $\frac{1}{4}$ " in diameter. Length 8".

LIST PRICE.....\$2.20

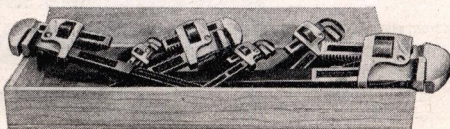
BONNEY STILLSON WRENCHES

Bonney Stillson Wrenches are correctly designed and sturdily built. They are made of materials considered most suitable for the work to which wrenches of this type are subjected. The handles and jaws are drop-forged and specially heat-treated to produce tough, durable teeth. The knurled adjusting nut is machined from solid stock to assure smooth working surfaces, while the frame is a semi-steel casting.



Length	Grips Pipe	List Price
6"	$\frac{1}{8}$ " to $\frac{1}{2}$ "	\$1.15
8"	$\frac{1}{8}$ " to $\frac{3}{4}$ "	1.35
10"	$\frac{1}{8}$ " to 1"	1.75
14"	$\frac{1}{4}$ " to 1 $\frac{1}{2}$ "	2.30
18"	$\frac{1}{4}$ " to 2"	3.35
24"	$\frac{1}{4}$ " to 2 $\frac{1}{2}$ "	5.50
36"	$\frac{1}{4}$ " to 3 $\frac{1}{2}$ "	15.00
48"	1" to 5"	22.70

STILLSON WRENCH ASSORTMENT No. 77



The Bonney Stillson Wrench Assortment No. 77 was specially selected to cover a wide range of requirements for Stillson Wrenches. It contains one each of the 6 inch, 8 inch, 10 inch, 14 inch, 18 inch, and 24 inch Wrenches. Comes packed in substantial wooden box. Weight 18 lbs.

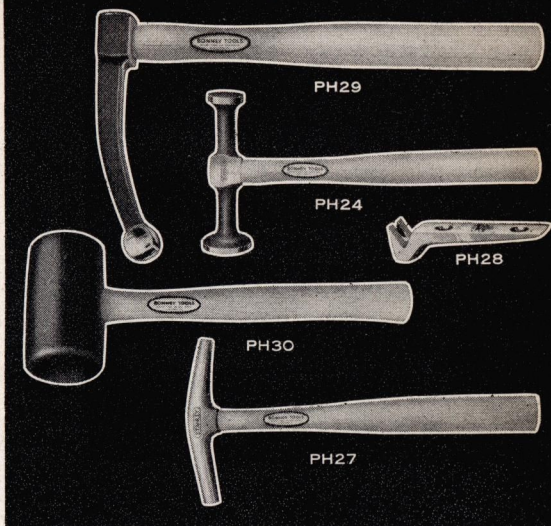
LIST PRICE.....\$15.40

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



BODY WORKERS' and UPHOLSTERERS' HAMMERS



The heads of all hammers in this line, with the exception of the Fender Bumping Mallet, are drop-forged from a high-grade hammer steel and are individually tempered. Handles are made from the finest grade selected, straight-grained young hickory and are securely anchored in the heads. These tools are in every way fit companions for those other tools in the Bonney Line which have gained the reputation of being "the finest that money can buy."

FENDER BUMPER

No. PH29—Used underneath the fender in roughing out bumps. Its design eliminates the necessity of removing the wheels. Head 8 inches long. Face $1\frac{1}{8}$ inches diameter. Overall length 14 inches. Weight $1\frac{1}{2}$ lbs.

LIST PRICE.....\$3.35

DINGING HAMMER

No. PH24—A finishing hammer with faces crowned and polished—body of head finished in black. Head 6 inches long. Large face $1\frac{1}{8}$ inches diameter. Small face $1\frac{1}{4}$ inches diameter. Overall length 12 inches. Weight 13 oz.

LIST PRICE.....\$3.30

FENDER BUMPER MALLET

No. PH30—Has rubber composition head which excels hickory for durability. It will not shatter,

chip or split. Handle is of hickory. Head $2\frac{1}{2}$ inches in diameter, $4\frac{1}{2}$ inches long. Handle is $11\frac{1}{2}$ inches long.

LIST PRICE.....\$2.90

UPHOLSTERERS' MAGNETIC HAMMER

No. PH27—Head is polished all over and one end of head is magnetized. Head is $5\frac{1}{2}$ inches long. Overall length 12 inches. Weight 7 ozs.

LIST PRICE.....\$2.90

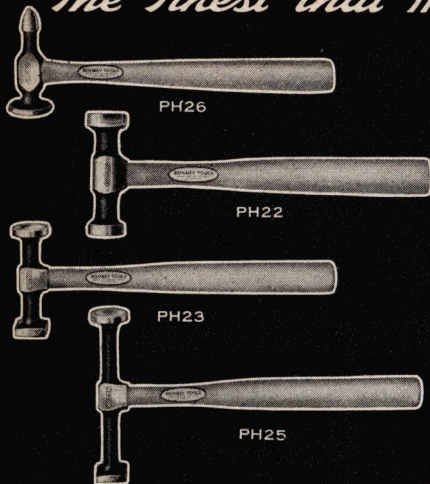
TACK CLAW

No. PH28—For attaching to handle of No. PH27 Upholsterers' Magnetic Hammer. Full polished finish. Weight 1 oz.

LIST PRICE.....\$0.70

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



BODY WORKERS' and UPHOLSTERERS' HAMMERS

SPECIAL BUMPING HAMMER

No. PH26—The head is drop-forged with bullet shaped end which makes it easy to remove small dents. Face of the head is polished with body finished in black. Strong hickory handle. Head 4 inches long. Weight 7 oz.

LIST PRICE.....\$2.90

LIGHT BUMPING HAMMER

No. PH23—A light weight finishing hammer with polished faces on the head and black body. Head 4" long. Round face $1\frac{1}{4}$ inches diameter. Square face $1\frac{1}{8}$ inches square. Overall length $11\frac{1}{2}$ inches. Weight 9 ozs.

LIST PRICE.....\$2.10

BUMPING HAMMER

No. PH22—Of the same construction described above, this hammer has polished faces and black body. Head $4\frac{1}{4}$ inches long. Round face $1\frac{1}{4}$ inches in diameter. Square face $1\frac{1}{4}$ inches square. Overall length 12 inches. Weight 14 ozs.

LIST PRICE.....\$2.10

LIGHT DINGING HAMMER

No. PH25—A sturdily made, light weight finishing hammer. Head $6\frac{1}{2}$ inches long. Large face $1\frac{1}{4}$ inches square. Small face $1\frac{1}{16}$ inches diameter. Overall length $11\frac{1}{2}$ inches. Weight 10 oz.

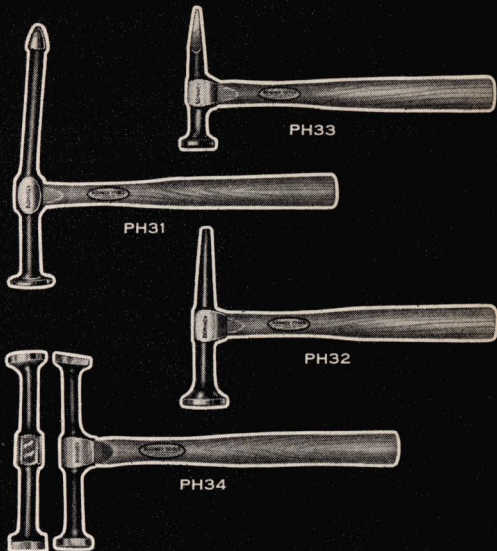
LIST PRICE.....\$3.30

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy

**BONNEY
TOOLS**

**BODY
WORKERS' and
UPHOLSTERERS'
HAMMERS**



LONG NOSE PRICKING HAMMER

No. PH31—Has long reach pein used in driving up small dents. Drop-forged of selected hammer steel with fine quality hickory handle. All working surfaces highly polished. Head $9\frac{1}{2}$ " overall. Face $1\frac{5}{8}$ " diameter. Length 12" overall. Weight 15 oz.

LIST PRICE, each.....\$3.75

POINT DINGING HAMMER

No. PH32—Has medium length point for driving up small dents. Drop-forged steel, with fine hickory handle. Working surfaces highly polished. Head $6\frac{3}{4}$ " overall. Weight 13 oz.

LIST PRICE, each.....\$3.25

CROSS PEIN BUMPING HAMMER

No. PH33—For work on beads, mouldings and sharp corners this Cross Pein Bumping Hammer is ideal. Head is drop-forged steel with polished working surfaces. Handle is first quality hickory. Head $5\frac{1}{4}$ " overall. Round face $1\frac{1}{4}$ " diameter. Pein $\frac{5}{8}$ " wide. Length overall $11\frac{1}{2}$ ". Weight 9 oz.

LIST PRICE, each.....\$2.10

OFFSET DINGING HAMMER

No. PH34—The offset faces of this hammer permit striking a flat face blow while working on a crowned surface or uneven angles. Head is drop-forged steel with polished working surfaces. Handle of fine quality hickory. Head $6\frac{1}{2}$ " long. Weight 10 oz.

LIST PRICE, each.....\$3.25

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



BODY and FENDER REPAIR TOOLS

REGULAR OR TOE DOLLY BLOCK

No. F2—Drop forged of selected steel and full surface ground and polished. Length $4\frac{3}{4}$ inches. Width $2\frac{1}{4}$ inches. Thickness $1\frac{1}{16}$ inches. Weight $2\frac{1}{2}$ lbs.

LIST PRICE.....\$2.50

HEEL DOLLY BLOCK

No. F3—Drop forged of steel most suitable for this type tool. Full surface ground and polished. Length $2\frac{1}{2}$ inches. Width $3\frac{1}{8}$ inches. Thickness $1\frac{1}{2}$ inches. Weight $2\frac{1}{4}$ lbs.

LIST PRICE.....\$2.50

BAR DOLLY

No. F4—Drop forged steel and full surface ground and polished. Length $4\frac{1}{4}$ inches. Width 2 inches. Thickness $1\frac{1}{2}$ inches. Weight 3 lbs.

LIST PRICE.....\$2.50

WEDGE DOLLY BLOCK

No. F5—Designed especially for work on turret tops. Drop-forged of selected steel, with working surfaces highly polished. Length 5". Width $2\frac{1}{8}$ ". Weight $2\frac{1}{2}$ lbs.

LIST PRICE.....\$3.35

GENERAL PURPOSE DOLLY BLOCK

No. F6—Full surface ground and polished. Weight 3 lbs.

LIST PRICE.....\$5.00

BUDD DOLLY BLOCK

No. F7—Drop-forged of selected steel. Full surface ground and polished. Its curved surfaces are designed so that it will take care of any repair on a Budd Body. Each block is carefully gauged after it is polished to insure correct radii of the curves. Weight 3 lbs.

LIST PRICE.....\$3.35

FENDER DOLLY BLOCK

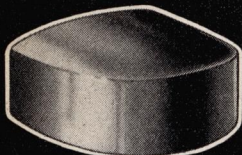
No. F8—Designed especially for repairs to fenders with rolled edges and beads. The small curved end works perfectly under the rolled edge. Drop-forged with all working surfaces highly polished. Length 4". Width $2\frac{3}{4}$ " at bead end, $2\frac{1}{2}$ " at heel end. Weight $2\frac{1}{2}$ lbs.

LIST PRICE.....\$3.35

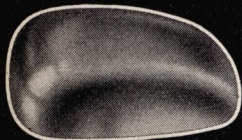
ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



F2



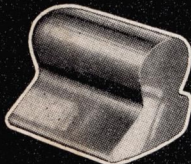
F3



F4



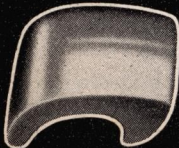
F5



F6



F7



F8

The Finest that Money Can Buy

**BONNEY
TOOLS**

BODY and FENDER REPAIR TOOLS

FENDER BRACKET DOLLY

No. F9—Drop forged steel. The working face is polished and body is black enamel. Shaped so that it can be inserted between the fender bracket and fender. The curves have been worked out to take care of 10 leading makes of cars. Weight $1\frac{3}{4}$ lbs.

LIST PRICE.....\$2.50

SMALL HAND HOLD DOLLY

No. F10—Working surfaces are ground and polished. Weight $2\frac{1}{4}$ lbs.

LIST PRICE.....\$1.70

LARGE HAND HOLD DOLLY

No. F12—Working surfaces are ground and polished. Weight $3\frac{1}{2}$ lbs.

LIST PRICE.....\$2.50

SPECIAL DOOR PANEL SPOON

No. F13—In addition to work on door panels, this spoon will be found handy for working on the quarter deck of turret tops and between the headlining strainer and roof panels. It is also handy for work between the fender bracket and fender metal where a dolly block can't be used. Blade is $2\frac{1}{4}$ " wide, $5\frac{1}{2}$ " long. Handle is $\frac{7}{8}$ " diameter. Weight 23 oz.

LIST PRICE.....\$2.50

LONG BODY SPOON

No. F14—Blade is ground and polished. Dimensions of blade $\frac{3}{4}$ inches at point, $1\frac{3}{16}$ inches at heel, 5 inches long. Overall length $11\frac{1}{4}$ inches. Weight 8 ozs.

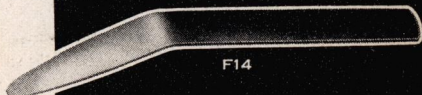
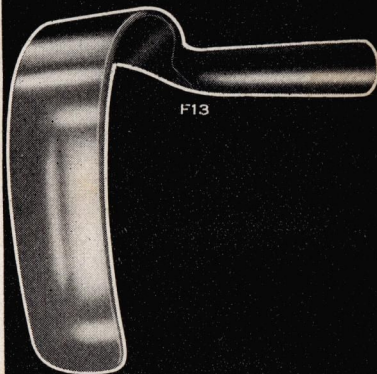
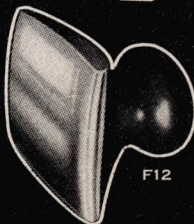
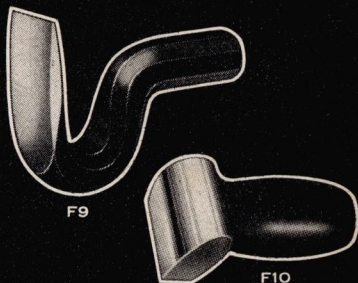
LIST PRICE.....\$1.20

WIDE BODY SPOON

No. F15—Blade ground and polished. Dimensions of blade $2\frac{1}{16}$ inches wide, 5 inches long. Overall length $10\frac{1}{2}$ inches. Weight 1 lb.

LIST PRICE.....\$2.10

ALL PRICES SUBJECT TO
SUBSTANTIAL DISCOUNT



The Finest that Money Can Buy



BODY and FENDER REPAIR TOOLS

PANEL SPOON

No. F16—Used in general body repair work and on turret tops. Forged of selected steel with polished working surfaces. Blade $2\frac{1}{4}$ " wide, $6\frac{1}{4}$ " long. Overall length $11\frac{1}{4}$ inches. Weight 22 ozs.

LIST PRICE.....\$2.10

SMALL BODY SPOON (OFFSET BLADE)

No. F17—Blade ground and polished. Width of blade $1\frac{1}{8}$ inches. Overall length 7 inches. Weight $5\frac{1}{2}$ ozs.

LIST PRICE.....\$1.30

LONG BODY SPOON (OFFSET BLADE)

No. F19—Blade ground and polished. Width of blade $1\frac{1}{4}$ inches. Overall length $10\frac{1}{4}$ inches. Weight $11\frac{1}{2}$ ozs.

LIST PRICE.....\$1.70

COMBINATION SPOON and BENDING IRON

No. F20—Made of selected spring steel. Designed for straightening fender flanges, pushing out panel dents, etc. Stock $\frac{3}{4}$ inch x $1\frac{1}{2}$ inch. Overall length 16 inches. Weight 2 lbs.

LIST PRICE.....\$2.50

FILE HOLDER

No. F24—This is the type of file holder most popular in body repair shops. Designed especially for No. F25—14 inch Flexible File Blade. Made of wood with grip over the blade which assures accurate filing. Weight 15 ozs.

LIST PRICE.....\$3.35

FLEXIBLE BODY FILE

No. F25—This body file blade has teeth designed on the milling cutter principle. Each tooth has a land and groove. The land increase cutting qualities. The curved groove curls and eliminates the chips and prevents "loading." Recommended for use on sheet steel of all kinds, as well as repairing and refinishing auto bodies and fenders. Particularly effective for filing soft metals. For use with No. F24 or F31 File Holders. Overall length 14 inches.

LIST PRICE.....\$4.75

No. F26—File and Holder Set consists of one No. F24 File Holder and six No. F25 Body Files described above. Holder in this set is furnished without cost.

LIST PRICE.....\$28.50

ADJUSTABLE FLEXIBLE FILE HOLDER

No. F31—An inexpensive adjustable aluminum file holder for use with 14" flexible file blades. Permits flexing of file for use on a hollow (concave) or a round. (convex).

LIST PRICE.....\$2.90

ALL PRICES SUBJECT TO
SUBSTANTIAL DISCOUNT



F16



F17



F19



F20



F24



F25



F31

The Finest that Money Can Buy

**BONNEY
TOOLS**

BODY and FENDER TOOL SETS



No. FB3



No. FB4

No. FB3 SET

9 Pieces

A compact set of body and fender tools suitable for taking care of the minor bumps which the average shop is called on to straighten out. Contains 9 pieces packed in an attractively finished metal case measuring 17" x 8 1/4" x 2 1/8".

Contents

No.	Description
F2	Regular or Toe Dolly Block
F4	Bar Dolly
F10	Small Hand Hold Dolly
F25	Flexible Body File
F31	Aluminum Adjustable File Holder
F20	Combination Spoon and Bending Iron
PH15	1/2 lb. Soft Face Hammer
PH24	Dinging Hammer
PH29	Fender Bumper

Net Weight 17 lbs.

LIST PRICE, in Metal Box.....\$29.85

LIST PRICE, Metal Box only..... 3.50

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

No. FB4 SET

15 Pieces

Contains 15 essential pieces for body and fender repair work, packed in a strong, attractively finished metal box with removable tray, padlock hasp and end carrying handles. The box is sufficiently large to take care of tools you may have on hand or wish to add later. It measures 25" x 8 1/2" x 6 1/4".

Contents

No.	Description
PH24	Dinging Hammer
PH25	Light Dinging Hammer
PH26	Special Bumping Hammer
PH30	Fender Bumper Mallet
F3	Heel Dolly Block
F4	Bar Dolly
F5	Wedge Dolly Block
F6	General Purpose Dolly Block
F8	Fender Dolly Block
F12	Large Hand Hold Dolly
F13	Special Door Panel Spoon
F16	Panel Spoon
F20	Combination Spoon and Bending Iron
F25	Flexible Body File
F31	Aluminum Adjustable File Holder

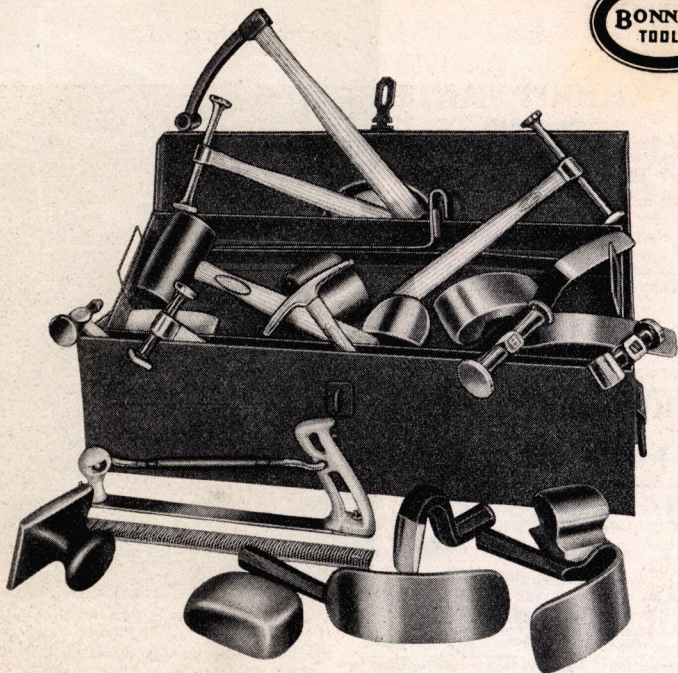
Net Weight 49 lbs.

LIST PRICE, in Metal Box.....\$57.00

LIST PRICE, Metal Box only..... 10.70

The Finest that Money Can Buy

**BONNEY
TOOLS**



No. FB5 BODY and FENDER TOOL SET

24 Pieces

A complete set of Body and Fender Hammers, Dollies, Spoons, Files, etc. for the specialist in body and fender repair work. Each tool has been carefully selected so that the complete set will remove all ordinary body and fender dents with a minimum of trouble.

Packed complete in a large, attractively finished metal chest with removable tray, the whole assortment can be kept under lock and key when not in use. Chest measures 25" x 8½" x 6¼".

Contents

No.	Description	No.	Description	No.	Description
PH22	Bumping Hammer	PH34	Offset Dinging Hammer	F13	Special Door Panel Spoon
PH23	Light Bumping Hammer	F2	Regular or Toe Dolly Block	F15	Wide Body Spoon
PH24	Dinging Hammer	F3	Heel Dolly Block	F16	Panel Spoon
PH25	Light Dinging Hammer	F4	Bar Dolly	F19	Long Body Spoon (Offset Blade)
PH26	Special Bumping Hammer	F5	Wedge Dolly Block	F20	Combination Spoon and Bending Iron
PH27	Upholsterers' Magnetic Hammer	F6	Gen. Purpose Dolly Block	F25	Flexible Body File
PH29	Fender Bumper	F8	Fender Dolly Block	F31	Aluminum Adjustable File Holder
PH30	Fender Bumper Mallet	F9	Fender Bracket Dolly		
		F12	Large Hand Hold Dolly		

Net Weight 61 lbs.

LIST PRICE, in Metal Box.....	\$79.50
LIST PRICE, Metal Box only.....	10.70

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy

**BONNEY
TOOLS**

Chisels, Punches and similar hand tools are naturally subjected to very severe service. Bonney has spared no effort to meet these conditions and to offer the best in these types of tools. All are forged of special alloy steel and carefully heat-treated.

PIN PUNCHES

No.	Size Stock	Point Dia.	Length	List Price
C28	$\frac{3}{8}$ "	$\frac{1}{16}$ "	5"	\$0.70
C29	$\frac{1}{2}$ "	$\frac{3}{16}$ "	$5\frac{5}{8}$ "	.80
C30	$\frac{5}{8}$ "	$\frac{1}{4}$ "	$6\frac{3}{8}$ "	1.00

LONG TAPER PUNCHES

No.	Size Stock	Point Dia.	Length	List Price
C25	$\frac{3}{8}$ "	$\frac{5}{32}$ "	8"	\$0.95
C26	$\frac{1}{2}$ "	$\frac{3}{16}$ "	9"	1.10

SOLID PUNCHES

No.	Size Stock	Point Dia.	Length	List Price
C21	$\frac{3}{8}$ "	$\frac{1}{16}$ "	$5\frac{1}{2}$ "	\$0.70
C22	$\frac{1}{2}$ "	$\frac{3}{32}$ "	$6\frac{1}{4}$ "	.80
C23	$\frac{5}{8}$ "	$\frac{1}{8}$ "	7"	1.00

PRICK PUNCH

No.	Size Stock	Length	List Price
C32	$\frac{3}{8}$ "	5"	\$0.60

CENTER PUNCH

No.	Size Stock	Length	List Price
C34	$\frac{3}{8}$ "	5"	\$0.60

PRY OR PINCH BAR

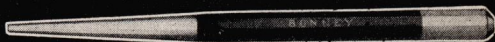
No.	Size Stock	Length	List Price
C38	$\frac{5}{8}$ "	16"	\$2.35

ALL PRICES SUBJECT TO
SUBSTANTIAL DISCOUNT

PUNCHES



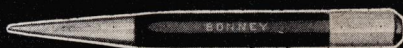
Pin



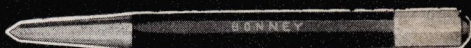
Long Taper



Solid



Prick



Center



Pry or Pinch Bar

The Finest that Money Can Buy

**BONNEY
TOOLS**

CHISELS

Bonney Chisels are drop-forged of special alloy steel, carefully heat-treated. Bits are hard and tough enough to work on any untempered material, but sufficiently soft to be resharpened with a file. They have comparatively soft heads which reduce chipping and allow them to be readily redressed when battered.



Flat



Long Flat



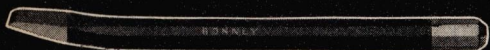
Cape



Diamond Point



Round Nose



Rivet Buster

FLAT CHISELS

No.	Size Stock	Width of Cut	Length	List Price
C1	1/4"	5/16"	5"	\$0.70
C2	3/8"	1/2"	5 1/2"	.80
C3	1/2"	5/8"	6"	.95
C4	5/8"	3/4"	6 1/2"	1.10
C5	3/4"	7/8"	7 1/2"	1.35
C6	7/8"	1"	8"	1.70
C7	1"	1 1/4"	8 1/2"	2.15

LONG FLAT CHISEL

No.	Size Stock	Width of Cut	Length	List Price
C10	3/4"	7/8"	14"	\$2.15

CAPE CHISELS

No.	Size Stock	Width of Cut	Length	List Price
C12	1/2"	1/4"	6"	\$0.95
C13	5/8"	3/8"	7"	1.10

DIAMOND POINT CHISELS

No.	Size Stock	Width of Cut	Length	List Price
C15	1/2"	1/4"	6"	\$0.95
C16	5/8"	3/8"	7"	1.10

ROUND NOSE CHISELS

No.	Size Stock	Point Dia.	Length	List Price
C18	1/2"	1/4"	6"	\$0.95
C19	5/8"	3/8"	7"	1.10

RIVET BUSTER

No.	Size Stock	Width of Cut	Length	List Price
C36	3/4"	5/8"	12"	\$2.15

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

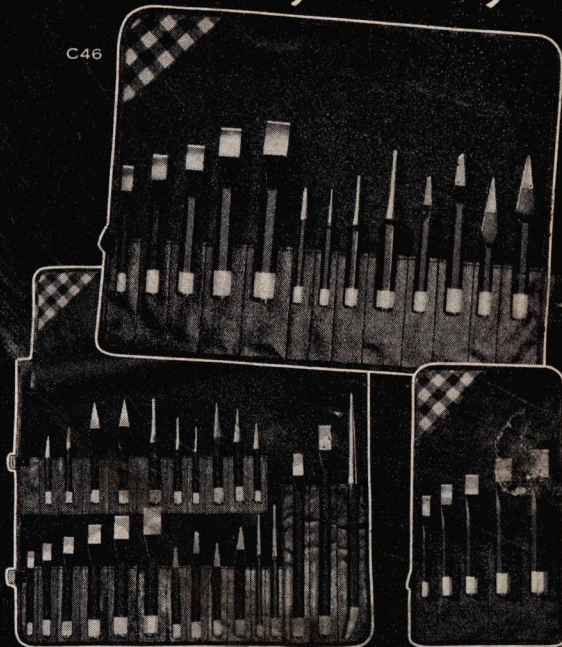
The Finest that Money Can Buy

**BONNEY
TOOLS**

C46

PUNCH and CHISEL SETS

Bonney Punches and Chisels are forged from selected alloy steel and carefully heat-treated. Their working bits are hard and tough enough to work on any untempered material, but sufficiently soft to be resharpened with a file. Their comparatively soft heads reduce chipping to a minimum and allow them to be readily redressed when battered. No better tools of this type can be purchased anywhere.



C47

C45

No. C46 PUNCH and CHISEL SET

This set offers the mechanic a compact and complete assortment of chisels and punches to entirely cover his every day requirements. Nine chisels and four punches are included as follows—

Flat Chisels Nos. C2, C3, C4, C5, C6; Cape Chisels Nos. C12, C13; Diamond Point Chisels Nos. C15, C16; Pin Punches Nos. C28, C29, C30; Center Punch No. C34.

LIST PRICE, in Leatherette Roll.....\$14.20
LIST PRICE, in Cardboard Box.....13.10

No. C47 PUNCH and CHISEL SET

For mechanics who require a complete set of punches and chisels, there is no better assortment than is found in this set. It contains one each of the following—

Flat Chisels Nos. C2, C3, C4, C5, C6, C7, C10; Cape Chisels Nos. C12, C13; Diamond Point Chisels Nos. C15, C16; Round Nose Chisels Nos. C18, C19; Punches Nos. C25, C26, C32, C21, C22, C23, C28, C29, C30, C34; Rivet Buster C36; Pry or Pinch Bar C38.

LIST PRICE, in Leatherette Roll.....\$31.80
LIST PRICE, in Cardboard Box.....\$29.10

No. C45 FLAT CHISEL SET

This set completely covers the range of chisel requirements of the average mechanic. It contains each—Nos. C2, C3, C4, C5, C6.

All are forged from high quality alloy steel of composition most suitable for this type of tool. They are heat-treated to assure a hard, tough working bit, while their octagon shape offers an easy, secure grip.

LIST PRICE, in Leatherette Roll.....\$6.70
LIST PRICE, in Cardboard Box.....5.90

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

NOB SOCKET SETS

For the mechanic who feels that he cannot "afford the finest that money can buy" and for those who do not have sufficient use to justify the purchase of better tools, the NOB Socket Sets shown on this page and the succeeding pages will be found to answer very well. Each piece is made of Chrome-Alloy Steel, chromium plated and will be found useful for all ordinary work.



SET No. NC-4

1/4" SQUARE DRIVE

CHROME ALLOY STEEL CHROME PLATED

A Set of Six—Double Hexagon Sockets

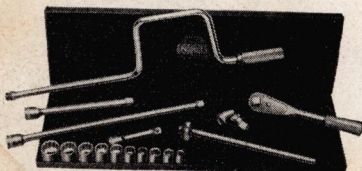
1/4", 3/16", 1/8", 11/32", 3/8", 1/2"

Three Double Square Sockets

1/4", 3/16", 3/8"

One Flex Handle 6", One Sliding Cross Bar

11 Pieces Packed in a Strong Enameled Metal Box, LIST PRICE.....\$4.30
Weight 1 lb.



SET No. NC-6

3/8" SQUARE DRIVE

CHROME ALLOY STEEL CHROME PLATED

A Set of Seven Double Hexagon Sockets

3/8", 1/2", 5/8", 3/4", 7/8", 1 1/8", 1 1/4"

One each of the following attachments

Tee and Ell Handle, Ratchet, Universal Joint

3" Extension

10" Flex Handle

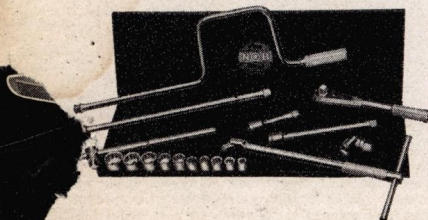
11" Extension

16" Speeder

6" Extension

Cross Bar

15 Pieces Packed in a Strong Enameled Metal Box, LIST PRICE.....\$16.50
Weight 4 3/4 lbs.



SET No. NC-7

3/8" SQUARE DRIVE

CHROME ALLOY STEEL CHROME PLATED

A Set of Seven Double-Hexagon Sockets

3/8", 1/2", 5/8", 3/4", 7/8", 1 1/8", 1 1/4"

Three Double Square Sockets

1/4", 3/16", 3/8"

One each of the following attachments

Tee and Ell Handle, Ratchet, Universal Joint

3" Extension

6" Extension

11" Extension

16" Speeder

10" Flex. Hdle.

Sliding Bar

19 Pieces Packed in a Strong Enameled Metal Box, LIST PRICE.....\$19.00
Weight 6 1/2 lbs.

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



NOB SOCKET SETS

SET No. NC-10

$\frac{1}{2}$ " SQUARE DRIVE

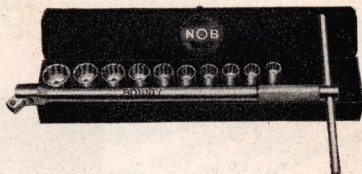
CHROME ALLOY STEEL CHROME PLATED

A set of Ten Double Hexagon Sockets

$\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ "

One 15" Flex Handle

One Cross Handle



12 Pieces Packed in a Strong Enameled Metal Box, LIST PRICE.....\$10.00

Weight 5 lbs.

SET No. NC11

$\frac{1}{2}$ " SQUARE DRIVE

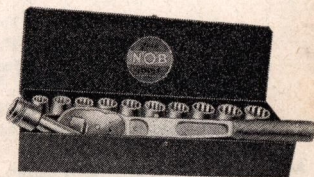
CHROME ALLOY STEEL CHROME PLATED

A Set of Ten Double Hexagon Sockets

$\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ "

One 5" Extension

One 10" Reversible Ratchet



12 Pieces packed in a Strong, Enameled Metal Box, LIST PRICE.....\$12.50

Weight $5\frac{1}{4}$ lbs.

SET No. NC-12

$\frac{1}{2}$ " SQUARE DRIVE

CHROME ALLOY STEEL CHROME PLATED

A Set of Twelve Double Hexagon Sockets

$\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ "

1", $1\frac{1}{16}$ ", $1\frac{1}{8}$ "

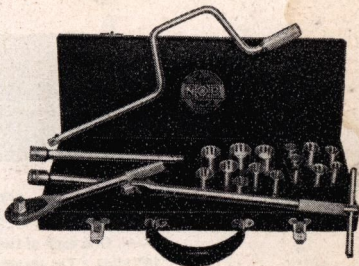
Three Double Square Sockets

$\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ "

One each of the following attachments

15" Flex. Handle, Cross Bar, Ratchet,

Short Extension, Long Extension, Long Speeder



21 Pieces Packed in a Strong Enameled Metal Box, LIST PRICE.....\$23.00

Weight $13\frac{1}{2}$ lbs.

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



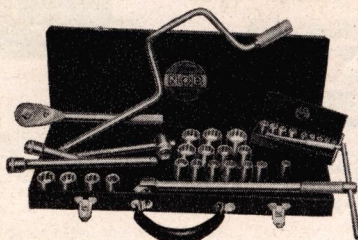
NOB SOCKET SETS

SET No. NC14

$\frac{1}{2}$ " Square Drive

Chrome Alloy Steel

Chrome Plated



A Set of Fourteen Double Hexagon Sockets

$\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{21}{32}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", $1"$, $1\frac{1}{16}$ ", $1\frac{1}{8}"$

Four Double Square Sockets

$\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $1\frac{1}{16}"$

One each of the following attachments:

15" Flex Handle, Cross Handle, Ratchet, Adaptor, Short Extension, Long Extension, Long Speeder and Ell and Tee Handle.

Also one No. NC4 Set of $\frac{1}{4}$ " drive sockets and attachments consisting of 6 double hexagon and 3 double square sockets with 6" flex handle and cross bar.

36 Pieces packed in Strong Metal Box, LIST PRICE\$30.50

SET No. NC16

Heavy Duty Type— $\frac{3}{4}$ " Square Drive

Chrome Alloy Steel

Chrome Plated



A Set of Seven Double Hexagon Sockets

$1\frac{1}{16}"$, $1\frac{1}{8}"$, $1\frac{1}{4}"$, $1\frac{3}{8}"$, $1\frac{1}{2}"$, $1\frac{5}{8}"$, $1\frac{3}{4}"$

One each of the following attachments:

18" Sliding Tee Handle, 8" Extension, 16" Extension

10 Pieces Packed in Strong Enameled Metal Box, LIST PRICE.....\$25.50

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

TU HEX BOX WRENCHES

No. 142 SERIES



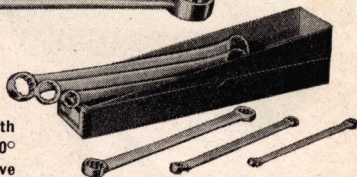
TuHex Box Wrenches have been developed to meet the demand for a line of quality wrenches at a popular price.

The No. 142 Series is designed for work in locations with low over-head clearance. Their heads are at angles of from 10° to 15° depending on the length of the wrench. They have double-hexagon openings and are forged of Chrome-Alloy Steel, with plated finish.

No. 140 SET

This set contains one each of the six wrenches in the No. 142 Series. Each set is packed in a substantial cardboard box.

LIST PRICE.....\$7.20



No.	Openings	Length	List Price
142	$\frac{3}{8}$ & $\frac{7}{16}$	$7\frac{5}{8}$	\$0.80
144	$\frac{1}{2}$ & $\frac{9}{16}$	$8\frac{5}{8}$	.90
146	$\frac{5}{8}$ & $\frac{11}{16}$	$9\frac{5}{8}$	1.05
148	$\frac{3}{4}$ & $\frac{13}{16}$	11	1.30
150	$\frac{7}{8}$ & $\frac{15}{16}$	$12\frac{3}{8}$	1.45
152	1 & $1\frac{1}{16}$	$14\frac{1}{4}$	1.75

TU HEX CHROME-ALLOY OFFSET BOX WRENCHES

Short Type

Drop-forged of Chrome-Alloy Steel, these wrenches meet your demand for a low-priced box wrench that is strong but light in weight. The short type wrench has both ends offset and different openings in each end. Their heads are buffed and plated to a high, permanent lustre. All have oval handles and double-hexagon openings.

* No.	Openings	Length	List Price
176	$\frac{3}{8}$ & $\frac{7}{16}$	$4\frac{1}{2}$	\$0.75
177	$\frac{1}{2}$ & $\frac{9}{16}$	$5\frac{1}{4}$	.80
178	$\frac{5}{8}$ & $\frac{11}{16}$	6	.90

Long Type

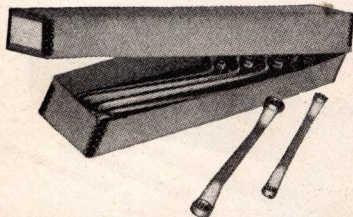
Long type, TuHex Box Wrenches, meet every requirement for low-priced wrenches of this type. They are drop-forged from Chrome-Alloy Steel and are exceptionally strong and light in weight. They are plated to a high, permanent lustre, have buffed heads and comfortable, oval handles.

No.	Openings	Length	List Price
180	$\frac{3}{8}$ & $\frac{7}{16}$	$7\frac{5}{8}$	\$0.80
181	$\frac{1}{2}$ & $\frac{9}{16}$	$8\frac{5}{8}$	.90
182	$\frac{5}{8}$ & $\frac{11}{16}$	$9\frac{5}{8}$	1.00
183	$\frac{3}{4}$ & $\frac{13}{16}$	$11\frac{1}{8}$	1.15
184	$\frac{15}{16}$ & $\frac{7}{8}$	$12\frac{1}{2}$	1.30
185	$\frac{15}{16}$ & 1	$14\frac{1}{4}$	1.60



ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

TU HEX BOX WRENCHES



No. 190 SET

The three Short Type Offset Box Wrenches Nos. 176, 177 and 178 which make up this Set are very useful for work on starters, generators, water pumps, manifold nuts, etc. Packed in strong, cardboard box.

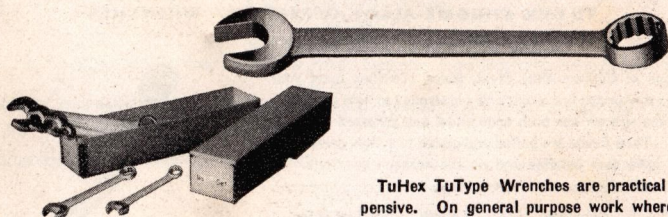
LIST PRICE.....\$2.45

No. 191 SET

You will find this set contains a full assortment of box wrenches in the sizes most required. Especially adapted to making adjustments in "hard-to-get-at" places. One each of Nos. 180, 181, 182, 183, 184 and 185 are included. They have double-hexagon openings and are forged from Chrome-Alloy Steel. Packed in strong, cardboard box.

LIST PRICE.....\$6.75

TU HEX TUTYPE WRENCHES



TuHex TuType Wrenches are practical and inexpensive. On general purpose work where speed is often necessary, they are very convenient. The two

types of openings—the same size in both ends—allow the one to be applied which is best suited for that job. They are made of Chrome-Alloy Steel, correctly heat-treated and plated. The open end is at the standard angle of 15° and the box end is offset at 15° to allow for proper clearance.

No.	Openings	Length	List Price
161	7/16"	5 3/8"	\$0.80
162	1/2"	6"	.90
163	9/16"	6 3/4"	1.00
164	5/8"	7 3/4"	1.10
165	11/16"	8 5/8"	1.20
166	3/4"	9 1/2"	1.40
167	7/8"	10 5/16"	1.75

No. 168 SET

The No. 168 TuHex TuType Set contains one each of Wrenches Nos. 161, 162, 163 and 164 packed in a strong cardboard box.

LIST PRICE.....\$3.80

No. 169 SET

This set contains one each of Wrenches Nos. 161, 162, 163, 164, 165 and 166. All are made of Chrome-Alloy Steel and plated.

LIST PRICE.....\$6.40

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy

**BONNEY
TOOLS**

No. 159 STARTER AND MANIFOLD WRENCH

The No. 159 wrench is designed especially for manifold and starter work. Drop-forged of alloy steel, openings $\frac{1}{16}$ " and $\frac{5}{8}$ " double hexagon. Length $7\frac{3}{4}$ ". Plated finish.

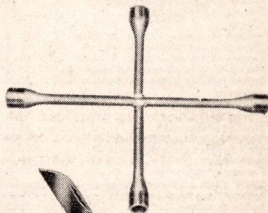
LIST PRICE.....\$1.50



No. 2611 FOUR-WAY RIM WRENCH

A popular priced four-way rim wrench of alloy steel, heavily plated. Has $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ " and $\frac{7}{8}$ " hexagon openings. Length 14" overall.

LIST PRICE.....\$1.65



No. NH15 "JACKNIFE" SCREW DRIVER

A novel, practical tool combining a 6" screw driver blade and a jack knife blade in a single, natural color, hardwood handle.

The screw driver blade is forged and taper ground. It is winged and securely fastened in the handle. The knife blade is permanently fastened in the opposite end of the handle.

LIST PRICE.....\$1.70



WOOD HANDLE SCREW DRIVERS

This line of popular priced quality screw drivers has standard type of blade and tip. Blades are polished their full length and securely anchored in the handles by two ears on the shank and by a rivet through the ferrule, handle and shank. Selected quality wood handles are finished in natural color and lacquered.

No.	Length of Blade	Bar	Overall Length	List Price
NH3	3"	$\frac{7}{32}$ "	8"	\$0.45
NH4	4"	$\frac{1}{4}$ "	9"	.45
NH5	5"	$\frac{5}{16}$ "	10 $\frac{1}{2}$ "	.55
NH6	6"	$\frac{5}{16}$ "	11 $\frac{3}{4}$ "	.55



OFFSET SCREW DRIVERS

The Offset Screw Drivers illustrated are well adapted for work in the "hard-to-get-at" places and are well suited for ignition, carburetor, generator and starter work.

Forged from selected alloy steel, correctly hardened and tempered to withstand strains. Can be purchased singly or in complete sets of four in canvas roll, as illustrated.

No.	Length	Size Stock	List Price
0668	3"	$\frac{5}{32}$ "	\$0.50
0669	4"	$\frac{1}{4}$ "	.50
0670	5"	$\frac{5}{16}$ "	.50
0671	6"	$\frac{3}{8}$ "	.60

No. 0672 Set Offset Screw Drivers

Set No. 0672 consists of one each of the offset screw drivers listed above, in a canvas roll.
LIST PRICE, in Canvas Roll.....\$2.35



ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

The Finest that Money Can Buy



No. 56 and 66 Bonney Torque-Indicating Wrenches

Proper Tensions in Foot Pounds Recommended by Car Manufacturers

AUBURN			FEDERAL TRUCKS (continued)			INTERNATIONAL TRUCKS (HC)		
Cylinder Head Bolts	55-60		Connecting Rod	53		Connecting Rod Bolts	56	
AUTOCAR TRUCKS	Models A, UA, B, UB		Main Bearings, Center & Rear	60		Cylinder Head Studs	56	
Cylinder Head	53		Main Bearings, Front & Intermediate	70		Cylinder Head Studs	67	
Connecting Rod	53					Cylinder Head Studs	93	
Main Bearings—Center & Rear	60		FORD CARS AND TRUCKS			Main Bearing Studs	75	
Main Bearings—Front & Intermediate	70		Aluminum Heads	35-40		Main Bearing Studs	75	
All other Models			Cast Iron Heads	45-50		Main Bearing Studs	93	
Cylinder Head	90		GENERAL MOTORS TRUCKS Model Engine					
Connecting Rod	85		Cylinder Head Bolts	707, 479, 529	88-95	LA SALLE		55-60
BUICK			Cylinder Head Bolts	331, 400, 450	60-67	LINCOLN CAPHYR		75-78
Cylinder Head Bolts & Studs (All Series)	65-70			239, 257, 286	56-63	Cylinder Head Bolts	39-42	
Connecting Rod Bolts—Series 40	45-50		GRAHAM-PAIGE			MACK TRUCKS AND BUSES	Motor Series BG	
Connecting Rod Bolts—Series 60-80-90	60-65		Cylinder Head Stud Nuts—all 1938 models	40-45		CU Groups	85-90	
Main Bearing Cap Screws—All Series	115-120		Cylinder Head Stud Nuts—Previous models	55-60		CT Groups	108-115	
Rocker Arm Cap Screws—All Series	30-35		with aluminum heads			Motor Series CE, CF	90-95	
CADILLAC			GRAMM TRUCKS			Cylinder Head Studs		
Cylinder Head Bolts	70-75		Models 15A, 23A			Connecting Rod Bolts	108-115	
Connecting Rod Bolts	55-60		Cylinder Head	53				
Flywheel to Crankshaft	65-70		Connecting Rod	53		NASH		
Main Bearing Caps to Crankcase V16	100-110		Main Bearings, Center & Rear	60		Cylinder Head (Model 38-10)	61-63	
Main Bearing Caps to Crankcase V8	130-140		Main Bearings, Front & Intermediate	70		Cylinder Head (Model 38-20)	53	
Spark Plugs	35-40		Models 30A, 40A, 45A, 50A, 55A, 70A, 75A, 85A			Cylinder Head (Model 38-80)	53	
Fan Support to Bracket	85-95		Connecting Rods	53		Connecting Rod Bolts (Models 38-10, 38-20)	53-56	
CHEV. CARS & TRUCKS (All Models except Diesels)			Main Bearings, Center & Rear	60		Connecting Rod Bolts (Model 38-80)	67-70	
Cylinder Head Bolts	53		Main Bearings, Front & Intermediate	70		Main Bearing Cap Screws (Model 38-80)	67-70	
Rocker Arm Bolts	25-30		Diesel Models DJX40A, DJX5A, DJX70A, DJX75A, DJX85A			Flywheel to Crankshaft Bolt (Models 38-10, 38-20)	96-102	
Main Bearing Bolts	108		Cylinder Head	158		Universal Joint Comp. Fl. Screw (all models)	105-110	
Front Wheel Hubs—Pull up to 33 lb. lb., then back off to first cotter pin hole	75-80		Connecting Rods	140		OLDSMOBILE		
CHRYSLER			Main Bearings, Front & Intermediate	95		Cylinder Head Bolts	65-70	
Cylinder Head	53		HERCULES MOTORS			Front Support Bracket (3 1/2)	40-45	
Connecting Rods	53		Series IX, NX			Fly Wheel Nuts	35-40	
Main Bearings, Center & Rear	70		Connecting Rod	42		Connecting Rod Bolts	30-35	
Main Bearings, Front & Intermediate	70		Main Bearings	77		Main Bearing Bolts	136-142	
All Models			Series 2X			PACKARD		
Cylinder Head Bolts	50-55		Cylinder Head	42		Cylinder Head Bolts	55-60	
Main Bearing Nut & Cap Screws	70-75		Connecting Rod	23		PLYMOUTH		
Connecting Rod Nut & Cap Screws	77		Main Bearings	77		Cylinder Head Bolts	53-56	
Counterweight Attaching Screws	60-70		Series 60			Main Bearing Nuts and Cap Screws	75-83	
CORD			Cylinder Head	105		Connecting Rod Nuts and Cap Screws	45-53	
Cylinder Head Bolts	55-60		Connecting Rod	105		Flywheel Nuts	56-72	
DE SOTO (See Chrysler)			Main Bearings	105		PONTIAC		
DIAMOND T TRUCKS			Series QX			Cylinder Head Bolts (all models)	65-70	
Models 80, 301, 304			Cylinder Head	53		Connecting Rods (all models)	42-51	
Cylinder Head	53		Connecting Rod	53		Main Bearing Cap Screws (all models)	91-102	
Connecting Rod	53		Main Bearings—Center & Rear	60		Crankshaft Bolts (8 cylinder)	51-58	
Main Bearings—Center & Rear	60		Main Bearings—Front & Intermediate	70		Crankshaft Bolts (6 cylinder)	60-68	
Main Bearings—Front & Intermediate	70		Series JX			STUDEBAKER CARS		
Models 221S, 212AS, 212BS, 401, 402, 404, 405, 408, 507, 509, 244S, 313, 611, 320, 353, 407, 613, 360, 609, 612, 614			Cylinder Head	53		Cylinder Head Studs	90	
Cylinder Head	53		Connecting Rods	53		Cylinder Head Nuts	65	
Connecting Rod	53		Main Bearings, Center & Rear	60		Connecting Rod Bolts	50	
Main Bearings—Center & Rear	60		Main Bearings, Front & Intermediate	70		Main Bearing Cap Screws	90	
Main Bearings—Front & Intermediate	70		Series WX			Crankshaft Counterweight Screw	50	
Models 412DR, 512B, 512DR			Cylinder Head	105		STUDEBAKER TRUCKS		
Cylinder Head	53		Connecting Rod	105		Models K20, K20M, K20MB, K25, K25M, K25MB	53	
Connecting Rod	105		Main Bearings, Center & Rear	70		Connecting Rods	53	
Main Bearings—Center & Rear	70		Main Bearings, Front & Intermediate	105		Cylinder Head Nuts	60	
Main Bearings—Front & Intermediate	105		Series YX, RX			Main Bearings—Front & Intermediate	70	
Diesel Models D20, D30			Cylinder Head	74		Models K30, K30M		
Cylinder Head	158		Main Bearings, Center & Rear	105		Cylinder Head	53	
Connecting Rods	140		Main Bearings, Front & Intermediate	123		Connecting Rod	105	
Main Bearings—Center & Rear	70		Series RXL			Main Bearings—Center & Rear	70	
Main Bearings—Front & Intermediate	95		Connecting Rods	175		Main Bearings—Front & Intermediate	105	
DODGE CARS & TRUCKS—All Models except R26S			Main Bearings (all)	158		Diesel Model K20D		
Cylinder Head Cap Screws (plain head)	60-65		Series HX			Cylinder Head	140	
Cylinder Head Cap Screws (cupped head)	68-73		Cylinder Head	105		Main Bearings, Center & Rear	77	
Cylinder Head Nuts	53-58		Connecting Rod	158		Main Bearings, Front & Intermediate	95	
Connecting Rod Nuts and Cap Screws	53-58		Series DO			SPALDING PLUGS		
Main Bearing Nuts and Cap Screws	75-80		Cylinder Head	140		14M.M.	30-35	
Counterweight Attaching Screws	65-70		Connecting Rods	77		18M.M.	40-45	
Model R26S			Main Bearings, Center & Rear	95		3/4"	45-50	
Cylinder Head	140		Main Bearings, Front & Intermediate	158		TEREPLANE		
Connecting Rods	158		Series DJX			Cylinder Head (6 cyl.)	44-47	
Main Bearings, Center & Rear	77		Cylinder Head	140		Cylinder Head (8 cyl.)	53-56	
Main Bearings, Front & Intermediate	95		Connecting Rod	54		Connecting Rod Nuts (all models)	51-54	
FEDERAL TRUCKS			Main Bearings, Center & Rear	89-93		Main Bearing Nuts (all models)	89-93	
Model 10			Main Bearings, Front & Intermediate	105		WHITE TRUCKS		
Cylinder Head	53		HUDSON			Bolts or Cap Screws 1/2"	61-65	
Connecting Rod	105		Cylinder Head (8 cyl.)	44-47		Cylinder Head Bolts	61-65	
Models 11 and 11H			Connecting Rod Nuts (all models)	53-56		Connecting Rod Bolts 1/2"	23-28	
Cylinder Head	53		Main Bearing Nuts (all models)	89-93		Connecting Rod Bolts 3/4"	44-47	
Connecting Rod	53		INDIANA TRUCKS			Main Bearing Nuts & Cap Screws 3/4"	88-96	
Main Bearings, Center & Rear	60		Cylinder Head	53		WILLIS CARS AND TRUCKS		
Main Bearings, Front & Intermediate	70		Connecting Rod	53		Cylinder Head Nuts	60-65	
Models 15, 19H, 75, 75H, 18, 18H, 20, 20H, 30, 80H, 25, 29H, 35, 89H, 28, 29H, 35, 89H			Main Bearings—Center and Rear	53		Connecting Rod Bolts	60-65	
Cylinder Head	53		Main Bearings—Front & Intermediate	70		Main Bearing Bolts	60-65	

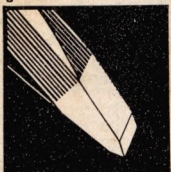
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**BONNEY
TOOLS**

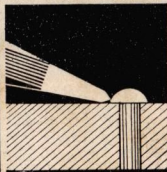
THE PROPER USE OF CHISELS AND PUNCHES

You will obtain much longer and better service from your chisels and punches by taking care to select the proper one for each job. Follow the above rule and you will find that it will not be necessary to recondition these tools as often as before, nor will you damage the chisel or punch. Chisels and punches are designed for certain jobs and give the best results when used on those jobs. For example, a Flat Chisel should never be used to cut off a bolt head or rivet . . . use a cutting chisel such as a Rivet Buster.

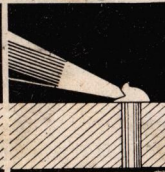
When chisels and punches are not abused they may easily be kept in first class condition through occasional redressing with a file. The illustrations below show how a perfectly good chisel can be ruined by improper use.



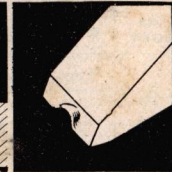
The wrong chisel to use for cutting bolt heads or rivets. Notice the shape of the cutting edge.



When this type chisel is applied it is impossible to get the cutting edge under the head of the bolt or rivet.



When the cut is made the chisel does not take the head off cleanly, and it injures the chisel.



Result of using the wrong chisel. The cutting edge has been badly damaged.



The right chisel to use when cutting bolt heads and rivets. It is generally known as a Rivet Buster.



The flat side or cutting edge of the chisel is placed flush with the bolt or rivet head.

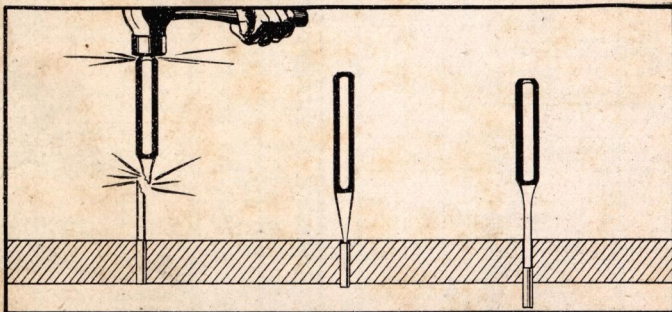


A few taps and the rivet or bolt head is removed. Chisel is not damaged and a good job is done.



Result of using the correct chisel. Cutting edge is not damaged and the job was done quickly.

WHEN AND HOW TO USE A PIN PUNCH



Pin Punches when properly used will give long and efficient service. A simple procedure when using a pin punch is as follows: Don't use it to start the pin. A pin punch is not designed for such service. Use a taper punch. A few taps will generally loosen the pin. Then drive the pin through with the pin punch. If you use the pin punch for both operations, starting and driving through, you are apt to break it as is shown above.

\$1.85

